



# THE OFFICIAL ORGAN OF THE B.B.C.

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EVERY FRIDAY

Two Pence.

## That Deep Depression Over Iceland.

Hints on How to Understand the B.B.C.'s Weather Reports, By Dr. G. C. SIMPSON, C.B., F.R.S.

EVERY day, thousands of people in the British Isles have to make decisions in which the weather is the chief factor, and it is naturally very important that the information contained in the official weather reports and forecasts broadcast by the B.B.C. should be fully understood. I have therefore gladly responded to the request that I should give a brief explanation of the terms that are used by the Meteorological Office in the B.B.C.'s daily bulletins.

I will begin by drawing attention to the arrangement of the paragraphs in the reports. Each report is divided into three parts which we call the General Inference, the Forecast, and the Further Outlook.

The first part, or General Inference, always describes the general weather situation. Here is an example:—

There is a deep depression far out on the Atlantic which is moving north. The anti-cyclone centred over Central Europe is likely to continue.

This section of the report usually contains a number of technical terms such as depression, secondary depression, anti-cyclone, and so on. We have to use these technical terms because our weather does not occur haphazard, it is governed by great systems of rotating air which move across the surface of the earth, each carrying its own type of weather with it.

Everyone is familiar with the whirls which are often seen on the surface of a river, each travelling downstream, some rotating in one direction and some in the other. In the same way whirls occur in the great currents of the atmosphere but they are of enormous extent. A single whirl often covers the whole of the British Isles, and some of the largest

extend over the whole of the North Atlantic. In the atmosphere it is of vital importance



Dr. G. C. SIMPSON,

the Director of the Meteorological Office, whose recent broadcast Talk on Weather Reports and their meaning is given here in response to requests from listeners all over the country.

which way the air rotates in the whirl; if the rotation is righthanded, i.e., in the same direction as the hands of a clock, we

get an anti-cyclonic whirl, while if the rotation is left-handed, we get a cyclonic whirl. The weather associated with each kind of whirl is characteristic. To describe it in detail would be very difficult, so I am going to refer my readers to the two diagrams on the following page which indicate the kind of weather that is associated with a depression and with an anti-cyclone.

In the first diagram the circle represents the area covered by a depression. The circle is divided into four quadrants by two lines in a north-south and east-west direction. In each of the quadrants are indicated the winds and weather which may be expected to occur in that particular quadrant. Thus in the north-east quadrant of the first diagram the winds will be between S.E. and E. while the sky will probably be overcast. Similarly with the other quadrants. The barometer is always low in the centre of a depression—hence its name—and so the word "low" is entered in the centre.

In the second diagram only the wind directions are entered in the quadrants. In an anti-cyclone the winds are always light and at the centre there is practically always a calm. The highest barometer is at the centre of an anti-cyclone, hence anti-cyclones are sometimes referred to as "Highs." The weather in an anti-cyclone is different in summer and winter. In summer an anti-cyclone is generally a region of fine weather; but in the winter it is frequently accompanied by fog and drizzle.

Now let me explain how to use these diagrams. In the General Inference, that is the first part of each report, the position of the centres of the depressions and of the

(Continued overleaf.)



## That Deep Depression Over Iceland.

(Continued from the previous page.)

anti cyclones are given. You can therefore tell at once in which quadrant you are situated, and your diagram tells you what weather to expect. For example, if it is stated that a depression has its centre off the west coast of Ireland you will know that Scotland will be in the N.E. quadrant, while southern England will be in the S.E. quadrant.

The General Inference also tells the direction in which the centres are expected to move, and as they carry their weather with them, you can tell what changes to expect, especially if you watch a barometer; for as a depression approaches, the barometer goes down and as an anti-cyclone comes near or intensifies, the barometer rises.

Now a word as to the meaning of the term "secondary depression." This is a small depression which forms as a rule in the southern half of a large depression. When formed it moves as though it were carried along in the winds of the main depression. Looking at your diagram you will see that if the main depression has its centre over the west of Ireland, as before, and a secondary depression forms over the mouth of the Channel—that is in the S.E. quadrant—it will move over southern England towards the North Sea; for the winds in the S.E. quadrant blow from the S. or S.W. Secondary depressions are responsible for a great deal of our bad weather, for they are nearly always accompanied by rain and often cause high winds and squally weather.

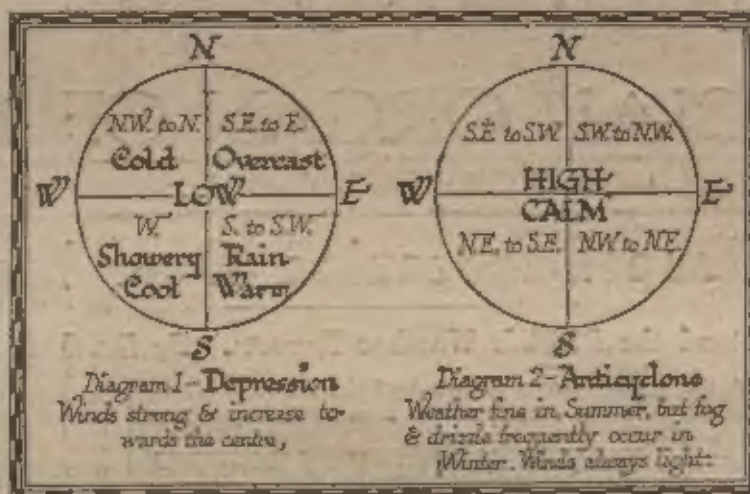
We now come to the second part of the report, that is to the "Forecast." In this part you will find practically no technical terms; but the greatest care is taken in the choice of the words and phrases used. So much is this the case that some of the words have only a restricted meaning. For example: The word "rain" when used alone in the forecasts is restricted to rain which is expected to last for a considerable time and to be in considerable amount. For other kinds of rain we in the Meteorological Office use the appropriate descriptive terms such as showers, passing showers, occasional rain or local rain.

Similarly, the word "fine" is used by us in a restricted sense. In common everyday language the weather is generally said to be fine when it is not raining. The word fine is, however, not used in this sense in the official forecasts. There can be many different kinds of weather without rain, varying from bright sunshine to dull, dark weather, and we use the following series of words to express this variation: Fine, fair, cloudy, overcast, dull.

With regard to wind the Meteorological Office uses the word "gale" in a special sense, and never as a general word to signify a high wind. No wind is a gale in official language until its velocity is forty miles an hour or more. The two words "veer" and "back" as applied to changes of wind direction require explanation, perhaps, as

they sometimes give difficulty to listeners. When the wind changes its direction it is said to veer if it goes round in the same direction as the sun in the northern hemisphere. That is from E. to S. to W. to N. If it changes the other way round, that is, if it changes from W. to S. to E. to N., it is said to back. The easiest way to remember this is to think of the hands of a watch. The hands normally veer, but if they are turned back, they "back," and it is the same with the wind.

I come now to the third part of the weather reports, namely, the "Further Outlook." Usually we can make forecasts only for thirty or forty hours ahead; beyond that period all kinds of unexpected things may happen; but the trained meteorologist is



able to form an opinion as to the direction in which changes are likely to take place, and he expresses that opinion in the Further Outlook. It is expressed in very general language and is given simply to act as a guide and not as a detailed pronouncement of what will happen.

Finally, let me say one word as to weather forecasting in general. The science of meteorology has not yet reached that state when the actual weather at any place can be stated twenty-four hours ahead. It is, in fact, doubtful whether our knowledge ever will reach that state, for the weather processes are much too complicated. But a tremendous amount of weather information is collected hour by hour in the Meteorological Office, and the trained meteorologist with all this information in front of him is in a better position for making accurate forecasts than anyone can be who can see the weather only in his own neighbourhood.

The official forecasts are not always justified by the event, but the failures are not a large proportion, and there is no doubt that those who use them regularly are helped by successful forecasts much more often than they are misled by erroneous ones. The B.B.C.'s reports give listeners a knowledge of what the weather conditions are and of what changes are to be expected; and in modern life no one can afford to neglect knowledge that will be of assistance to him in his daily work.

## The 9.45 Recitals.

### Attractive Programmes for the Winter.

As already announced in *The Radio Times*, the Piano Recitals which, during the past few months, have been broadcast from all stations at 7.25 every evening are to be given at 9.45, beginning on September 20th. It is hoped that at the later hour many more listeners will be able to enjoy these recitals than could do so earlier in the evening.

A comprehensive syllabus has been arranged for the coming winter months. A notable new feature which many listeners will welcome is the introduction of vocal as well as instrumental music. We are to hear some of the world's greatest songs by such composers as Schubert, Schumann, Brahms, and Wolf, sung by some of the most talented lieder singers of our wireless programmes, including Mr. Stewart Wilson, Mr. Dale Smith, Miss Vivienne Chatterton, Mr. Franklyn Kelsey, and Mr. Tom Goodby.

Another interesting feature in the programme of these 9.45 Recitals is the inclusion of the wonderful Sonatas written by Bach for unaccompanied violin. These will be played by Mr. William Primrose, who has studied them with the great violinist Yampé.

The complete list of Recitals up to the end of the year is as follows:—

#### Week Beginning—

- Sept. 27.—MUSIC FOR TWO PIANOFORTES: Isabel Gray and Claude Pollard.
- Oct. 4.—BEETHOVEN: Pianoforte Sonatas, interpreted by Maurice Cole. Sessions 1-6.
- Oct. 11.—BEETHOVEN: Pianoforte Sonatas, interpreted by Maurice Cole. Sessions 7-12.
- Oct. 18.—PIANOFORTE MUSIC BY CONTEMPORARY BRITISH COMPOSERS (First series of six), interpreted by Gordon Bryen. (Omitting October 21.)
- Oct. 25.—STRAVINSKY: *Lieder* (First week), interpreted (in German) by Vivienne Chatterton. Sessions 1-6. (A further week to follow in 1937.)
- Nov. 1.—CHORUS: The Pianoforte Sonatas (complete), interpreted by Solomon.
- Nov. 8.—SCHUBERT (First week): Song Cycle, "The Fair Maid of the Mill." English translations by Stewart Wilson and A. M. Fox-Strangways. Interpreted by Stewart Wilson (with spoken explanation of the story). The complete Cycle will extend from Nov. 8-13 (omitting Nov. 9).
- Nov. 15.—SCHUBERT (Second week): Original Piano Duets (1 piano, 4 hands), interpreted by Cecil Dixon and V. Kely Hutchinson.
- Nov. 22.—SCHUBERT (Third week): Various Songs, interpreted by Franklyn Kelsey. (Omitting Nov. 25.)
- Nov. 29.—SCHUBERT (Fourth week): Pianoforte Sonatas, interpreted by Edgar Bainton.
- Dec. 6.—A SECOND WEEK of Keyboard Music of the late XVII. and early XVIII. centuries, played by Mrs. Norman O'Neill.
- Dec. 13.—BACH: Interpreted by Chand Bigga. Sessions 1-5 (Dec. 16 omitted).
- Dec. 20.—BACH: The Unaccompanied Violin Sonatas, interpreted by William Primrose.
- Dec. 27.—CHORUS: The Four Ballades, Fantasy in F minor and Berceuse and Barcarolle, interpreted by Solomon.

In *The Radio Times* we shall publish each week a short descriptive article about the music to be played at these recitals, together with a brief note about the artist of the week. This new feature will, we hope, add greatly to the interest and enjoyment of listening to these recitals.



# Official News and Radio Gossip.

## In Honour of Holst.

**TUESDAY**, September 21st, is the birthday of Mr. Gustav Holst, one of the most distinguished of British composers, and the London Station will celebrate the occasion by a programme of his works, which Mr. Holst will himself conduct. The programme will include ballet music from his opera *The Perfect Fool*, three of the Choral Hymns from the *Rig Veda*, the Fugal Concerto for Flute and Oboe with accompaniment for String Orchestra, and the *Beni Morri Suite*. Of outstanding interest will be the first performance of the complete ballet, *The Golden Goose*.

## The Midnight Follies.

Starting at midnight on Tuesday, September 21st, the London Station is to give a broadcast, lasting for three-quarters of an hour, of the new *Midnight Follies* Entertainment at the Hotel Metropole. This new show has been devised and produced by Mr. Nigel Playfair. The book is by Mr. A. P. Herbert, and the music by Mr. Alfred Reynolds. The cast includes Miss Elsa Macfarlane, Miss Elsa Lanchester, Miss Stella Sanger, Miss Penelope Spencer, and Mr. Norman Griffin.

## Broadcasting a Greek Play.

A translation of the *Ræus* of Euripides, made by Professor Gilbert Murray, will be broadcast from the London Station between 8 and 9.30 p.m. on Wednesday, September 22nd. The producer will be Mr. Henry Oscar, and the cast will include Messrs. Edmund Willard, Gordon McLeod, Frank Vosper, Gordon Bailey and Grosvenor North, and Miss Irene Rook. It is hoped that Miss Haldée Wright will take the part of the Muse.

## "Riverside Nights."

A portion of *Riverside Nights*, the lively revue at the Lyric Theatre, Hammersmith, will be broadcast from London on Thursday, September 23rd. The first item to be broadcast will be "In Queen Victoria's Ampler Days," a delightful collection of the favourite music-hall songs of fifty years ago, and it is hoped that on this particular night Mr. T. S. Lunade, the author of "Tommy Make Room for Your Uncle," which came out in 1870, will appear on the stage. The second part of the programme will be "The Policeman's Serenade."

## The Music of Hungary.

A programme of Hungarian music, and music based on Hungarian themes and traditions, will be given from London on Sunday afternoon, September 19th. It will include pieces by Fritzel, Liszt, Béla Bartók, and Dohnányi. Miss Sari Petrossa, the vocalist in this programme, is a Hungarian actress and singer who has appeared with great success in London in *Gipsy Love*, *The Marriage of Figaro*, and *The Gipsy Princess*. She will sing, amongst other items, the well-known song "The Gipsy Bride," from this last musical comedy.

## Eastbourne's Night.

The third in the series of special nights from seaside towns will take place on Friday, September 24th, when Eastbourne will provide the programme for London. Amongst other items, the Municipal Orchestra will broadcast from Devonshire Park and the "Pier Revels of 1926" from the pier. Albert Sandler's Orchestra will be heard from the Grand Hotel, with Miss Kate Winter as the solo singer, and the programme will be wound up by Jackie's Band playing dance music from the pavilion in Devonshire Park.

## Autumn Talks.

A short talk on the series of National Concerts that are to be held during the autumn in the Albert Hall will be given from London on Monday, September 20th, at 9.30 p.m. On this day, too, begins the new autumn season, and many interesting series of talks. The first of these starts on Tuesday, September 21st, at 7.10, when Mr. W. F. Hatcher, whose Spanish Talks have been of so much assistance to students, will begin a fortnightly series which will be S.B. from Manchester to all stations. Mr. Hatcher is Oral Examiner in Spanish to the Royal Society of Arts for Manchester, and has spent much time in Barcelona. At 7.40 on that evening, Lieut.-Col. V. A. Haddick, who accompanied the last Everest Expedition and has spent a

Week's Good Cause is Dr. Barnardo's Homes, this being the anniversary of the death of Dr. Barnardo. The appeal will be made by Mr. William McCall, Chairman of Council.

## Plants and the Weather.

A series to be given under the auspices of the Royal Meteorological Society will be inaugurated on Wednesday, September 22nd, by a talk from London on "Weather and Plant Life," by Mr. I. D. Margary, a member of the Council of the Society, who has maintained a complete set of meteorological observations for the past fifteen years at Charlham Park. At 9.30, Mr. Edward Cressy, whose series of talks on "The Engineer in Adventure" will be remembered by listeners, is to give the first of two talks on the same subject.

## The Battle of Stamford Bridge.

On Friday, September 24th, in addition to Mr. G. A. Atkinson's Film Talk, there will be, at 9.30, the first of a series of short story readings from London. This will be given by Mr. Eric Maschwitz, who will read one of his own short stories entitled "The Guardian Angel." At 9.40, Mr. Boyd Cable will give a topical talk on the "Battle of Stamford Bridge," which was fought on September 25th, 1066.

## Dominion Day.

Monday, September 27th, is New Zealand's Day, and an interesting programme to be given from London in the evening, between 10.15 and 11 p.m., will include Maori songs and music. Further particulars will be announced next week.

## More Winners.

Another edition of the popular Musical Comedy burlesque pot-pourri, *Winners*, will be broadcast from London on the evening of Saturday, September 25th, and will contain all the features that have made it such a success in the past, including the peppery and popular Father.

## Manchester's Civic Week.

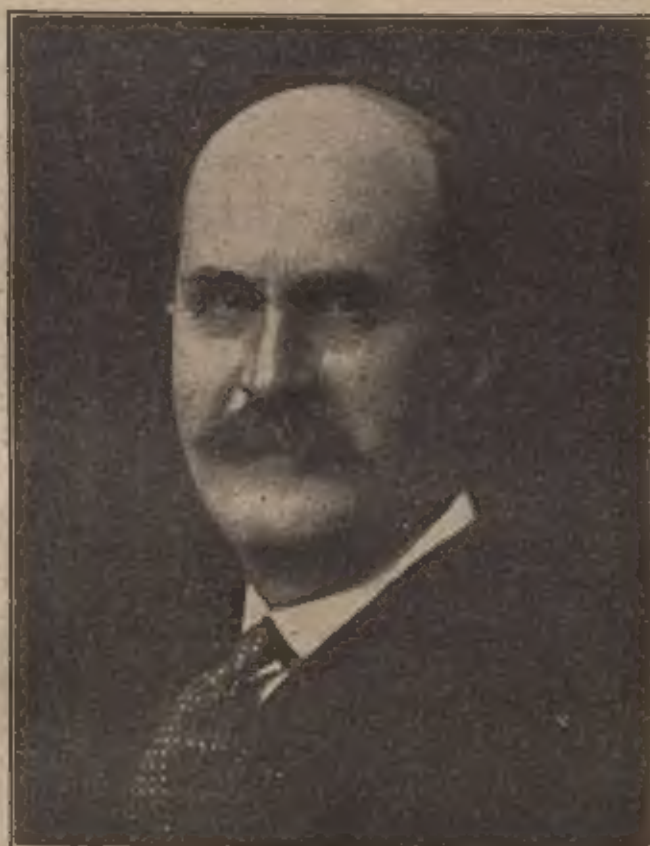
Manchester is holding its Civic Week between October 3rd and 9th, and the Manchester Station is co-operating by means of its programmes. On Sunday, October 3rd, a "Red Rose Concert," organized by the Station, will be broadcast from the Hippodrome. The most famous Lancashire artists will take part, and the celebrated Station Orchestra, which includes seventy instrumentalists, will be conducted by Mr. T. H. Morrison. During the week several musical items from the Civic Week celebrations will be relayed, including the Manchester Tuesday Midday Concert Society, the Manchester

Beecham Operatic Choir, the bands of the Manchester City Police and the Bosses o' th' Barn. The Station Dramatic Company, too, will produce a well-known Lancashire play, which will be relayed to Daventry. A talk will be given at 7.40 each evening by one of the leaders of Manchester's complex civic life; for instance, the Lord Mayor (Councillor Miles Mitchell) will deal with Industry. Further particulars of the Civic Week arrangements will appear later in *The Radio Times*.

## From Under the Sea.

The Manchester Station is at present experimenting with a novel idea which, if successful, will be broadcast to listeners all over the country—namely, broadcasting the underwater sounds by means of which the Navy identifies ships at many knots' distance. It is hoped that a spot in

(Continued overleaf in column 3.)



Sir William Bragg, F.R.S.,

the famous physicist and Director of the Royal Institution in Great Britain, who will broadcast a Talk from the B.B.C. studio at Olympia on Saturday, September 18th, at 9.40, on "Means of Communication."

good deal of time on the N.W. Frontier, will give a talk on the Andamans, the Indian penal settlement, and at 9.30 the same evening, Sir Henry Walford Davies will resume his talks on "Music and the Ordinary Listener," which were suspended during his recent illness.

## John Henry Again.

John Henry will return to the London Studio in a short interlude from 10.15 to 10.30 p.m. on Tuesday night, September 21st.

## London Children's Services.

The first of a series of Children's Services which the London Station hopes to hold once a month will be conducted by the Rev. J. Shepherd, of Islington Chapel, on Sunday, September 19th, at 5.30 p.m. At the Studio Service at 8.15, the preacher will be the Rev. Prebendary A. W. Gough, vicar of Old Brompton Parish Church, and the



# Does the Church Gain From Radio?

By Rev. B. G. BOURCHIER, M.A.

(Vicar of St. Jude's, Hampstead Garden Suburb).



Rev. B. G. BOURCHIER.

**C**ERTAIN folk, zealous for the Church's welfare, sometimes question how far this is being helped by broadcasting. With a few qualifications, I should like to say at once that I consider wireless has proved a good friend to the Church. In support of this contention, moreover, I can point to the undoubted popularity enjoyed by the relayed sermons and services given in the Sunday programmes of the British Broadcasting Company.

I am of the opinion, however, that no broadcasting of matters devotional should be allowed to clash with the hours of our ordinary church services. The relaying of actual services taking place at the usual hours has also always seemed to me incongruous. This is not generally practised here, but in America even the Communion Service is rendered sometimes by means of the microphone. This seems to me highly improper.

Yet I shall be told, no doubt, that many people will listen to the service who would never enter a sacred building, and that it is better they should be more or less present in spirit than not at all. There is, of course, something to be said for such an argument, but I still maintain that the Communion Service at least should never be broadcast.

## Helping the Sick and Lonely.

Wirelessing a part, or even the whole of specially-arranged services, however, is all to the good. For only those of an outstanding character are so treated, and the preachers selected to stand before the microphone are invariably men of high eminence in their particular line. Such services, such prophets, can bring invaluable solace and guidance to many folk in country districts who, otherwise, would have no chance of similar inspiration and help.

Isolated persons, too, lonely ones, and the numerous sick all find these agencies of the greatest help, and in this respect broadcasting has hitherto proved of the utmost benefit. One means by which it is doing the Master's work, and thus, indirectly, assisting the Church, is in widening the range, and so increasing the influence, of both services and preachers. By means of wireless, people also realise more clearly that members of the ministry with a definite message for them really do exist. Many folk will thus be induced to attend church, where possible, in order to hear the man himself, to feel the impact of his personality, or to test that of those who occupy neighbouring pulpits.

## The Neglect of Preaching.

Church-going thus re-established will continue. I found this so in the Army, anyway. There, men who always crabbled Church-parade, by compulsorily participating in it eventually acquired a fixed habit of church-attendance after they had left the regiment.

"But I go to church to worship—to give, not to get," someone may exclaim. Yes, perhaps you do, and very rightly, too. But what of the thousand others? In my opinion, many churches, particularly those of the Anglican, Roman, and Greek communions, strain unduly after what they call "attractive services," to the neglect of preaching. After all, it is an easier line to follow. But what

men are hungering for is the Word of Life. Broadcasting is bringing this to them at the present time, and will do so more and more.

One of the coming developments I foresee is that in future a number of churches over a wide area will arrange their services so as to receive simultaneously a sermon specially delivered to them by some eloquent, powerful preacher, at one or other of the various broadcasting stations. Most clergy, I suppose, find continual sermon-preparation a very great strain—an immense brain-tax. All priests are not gifted as preachers, and to those even an occasional relief such as I have indicated would prove a boon.

A large number of folk, particularly men, certainly have a liking for a lucid, well-reasoned, finely-delivered sermon. If churches with bright, reverent services, in which people were also sure of later getting some strong, thoughtful message, were more generally the order of the day, instead of the exception, they would seldom fail to achieve crowded congregations.

For nothing is surer than that there is an unexpressed feeling abroad to-day of humanity's need for the ministrations of religion. In many respects the Church has failed to sense and seize this opportunity. To some degree, however, wireless broadcasting is supplying the want. The vital thing is that men should get the teaching and the guidance that appeal to our highest instincts, and are needed by us all. Any means that will bring these to us are better than none, and, as I view this matter, wireless is most decidedly helping the Church in this way.

## Vast Congregations.

Another aspect of the wireless preacher is the unity of message that results from his efforts. Soon, profound thinkers who yet are able to clothe their thoughts in simple language, and are at the same time full of holy zeal, will be selected to address countless multitudes through the microphone. How preferable such discourses are to the halting collections of platitudes that are all many present-day congregations get! Larger views of truth, as these men have viewed it, would be presented in this way; instead of, as now, merely numberless often contradictory glimpses of it.

Wireless preaching in our churches also would unite in spirit widely-separated folk—friends in, say, Exeter and Newcastle would find a common topic for correspondence and discussion in some wonderful sermon broadcast from London one Sunday evening.

Broadcast preaching, too, when it arrives, will enable great utterances like that of the Archbishop of Canterbury during the General Strike to be heard by enormous numbers of people. I shall not be far wrong, I suppose, in asserting that the Primate's important pronouncement that day did not reach at most more than one-third of Britain's church-going population.

Moreover, there are other ways besides devotional preaching in which wireless definitely assists the Church. A plea on behalf of some charity, or any worthy cause, is made known by wireless to a much wider public than it ever could be from the very best-known pulpit. Bringing matters such as these before people invariably stirs into life all their noblest feelings—prepares their stony hearts for the Holy Spirit's working—and thus, too, wireless undoubtedly is performing a most useful service for the Church.

## IMPORTANT TO READERS.

The Editorial address of "The Radio Times" and of the British Broadcasting Company, Ltd., is Savoy Hill, Strand, London, W.C.2.  
**RAIES OF SUBSCRIPTION to "The Radio Times"**  
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 Twelve Months (British), 12s. 6d.

## Official News and Radio Cossip.

(Continued from the previous page.)

the Mersey can be found where interference by harbour traffic can be eliminated, and the listener will then be initiated by a series of records into the art of distinguishing various types of vessels. By way of finale, a large liner will be picked up at sea by hydrophone and microphone and listeners will be able to hear the under-water roar as she approaches the harbour.

## Sir Ivor Atkins at Belfast.

Sir Ivor Atkins, the conductor of the Three Choirs' Festival, will come straight from Worcester to conduct the Belfast Station Symphony Orchestra on Wednesday, September 22nd. The principal item in the programme will be "A Dirge for Two Veterans," the words of which are by Walt Whitman and the music by Charles Wood. Mr. Harold Williams will sing the baritone solo.

## In an Ulster Farmhouse.

The Belfast Radio Players are giving "An Ulster Collie," which will follow forty minutes of "Sea Music," on the evening of Thursday, September 23rd. The Collie represents a farmhouse gathering of friends and neighbours in County Down, and there will be songs, reels, and jigs in the traditional Ulster style.

## A Play From Cardiff.

*The New Paris*, a play by Dion Tithendage, which will be broadcast from Cardiff on Monday, September 20th, will be specially welcomed by those who remember *Remains Here*, by the same author.

## A Farewell Concert.

The Royal Welsh Ladies' Choir will be giving its farewell concert when it broadcasts from Cardiff Station on Sunday, September 19th, as its members will sail on the following Friday for Canada and the United States, where they are to make a tour lasting for about eight months.

## The Loughborough Carillon.

The famous Carillon of the Loughborough War Memorial is to be broadcast by the Birmingham Station, and relayed to other stations, on Sunday, September 19th, at 7.45 p.m. The Memorial Tower commemorates over four hundred men who fell in the War, and the Carillon itself consists of four tiers of forty-seven bells, weighing altogether twenty-one tons. They have been broadcast on several previous occasions with considerable success.

## A Varied Bill.

The Newcastle programme on Saturday, September 25th, contains something to suit all tastes. Listeners will hear Miss Vivienne Chatterton (soprano) and Miss Constance Willis (contralto) in duets from Mozart's *Figaro*. The popular entertainers, Frank Chilton and Ted Batcy, will also be heard, as well as Robert Walker, who will play on his mouth-organ such popular items as *Valencia* and *Barcelona*.

## "Uncle Tom Cobble's."

The Plymouth programme on Wednesday, September 22nd, will be opened by "Uncle Tom Cobble's" discussion of "Sport" with his contemporaries in Middlecombe. This sketch will be presented by its author, Mr. George Scantlebury. The cast will be supported by the Station Chorus and Orchestra. On the same evening, Miss Olive Sturges (soprano) and Mr. Toplas Green (baritone) will be heard in a song recital of solos and duets.

## Liverpool's Symphony Concert.

The Liverpool Station Symphony Orchestra, conducted by Mr. Frederick Brown, is to give a concert of popular classics from Crane Hall, Liverpool, on Wednesday, September 22nd. The central work in the programme will be the Beethoven Violin Concerto, while the orchestral works to be heard include the symphonic poem, *La Jovenese d'Herode*, by Saint-Saens, Sveden's picturesque *Carnival in Paris*, and the delightful *Midsummer Night's Dream* music by Mendelssohn.



# PEOPLE YOU WILL HEAR THIS WEEK.



[Toughen & Freeman.  
Miss GERTRUDE JOHNSON (Soprano), who will broadcast from Glasgow and other stations during the week.

## BROADCASTING GILBERT AND SULLIVAN.

Listeners everywhere will rejoice to know that by the courtesy of Lady Gilbert, Mr. Herbert Sullivan, and Mr. D'Oyley Carte arrangements have been made whereby portions of the opening performances of the forthcoming revival of *The Mikado* will be relayed from the Prince's Theatre, London, on September 20th.



Miss EVELYN MEADE will broadcast in the Variety Programme at London on Wednesday, September 15th. (S.B. from other Stations.)



[GUTHRIE.  
Mr. GEOFFREY GWYTHYR will sing original songs at the piano at London on Tuesday, September 14th. (S.B. from other Stations.)



[BROOKS.  
Mrs. ETHEL HOOK, the well-known Contralto, will sing at London on Sunday, September 12th. (S.B. from other Stations.)



[STELLA.  
The Rev. M. B. L. SHEPPARD, whose Address at St. Martin-in-the-Fields will be S.B. from London and other Stations on Sunday, September 12th.



[CHURCHILL.  
Mr. W. J. MATTHEWS, who will give a Talk on "The Cigue Pate" from Buenos-Ayres on Monday, September 13th.



[NORMAN MOTT.  
Mr. JOSEPH YATES (Baritone), who will sing at Birmingham on Friday, September 17th.



[VOCAL, LTD.  
Mr. CECIL BAUMER (Solo Pianoforte), will be heard by Aberdeen, Birmingham, Cardiff, Glasgow, and Newcastle listeners this week.



[MORRIS, LTD.  
Mr. FRANK FOXON (Baritone) is to sing at Hull on Thursday, September 16th.



# The B.B.C.'s National Concerts.

## Preliminary Announcement of an Important New Series.

UNDER the auspices of the British Broadcasting Company, there will shortly open at the Royal Albert Hall one of the most important series of orchestral concerts that have ever been held in London. The National Concerts, as they will be called, will be given by the National Orchestra, consisting of upwards of one hundred and fifty players, and a specially organized Wireless Chorus.

The conductors will include some of the most distinguished British musicians—Sir Edward Elgar, Sir Hamilton Harty, Sir Landon Ronald, and Albert Coates. In addition, a number of "guest" conductors, all of them among the most prominent in Europe, will preside at other of the concerts, among them being Dr. Richard Strauss, who will conduct a programme of his own works, including the little-known "Alpine" Symphony; Bernardino Molinari, the eminent Italian conductor who, since 1912, has been Artistic Director at the Augusteo, Rome, the most important series of concerts in Italy.

We hope to be able to announce in next week's *Radio Times* the names of other famous conductors who will be assisting in these concerts.

Among the notable works which it is planned to include in the programmes of the series are Berlioz's fine *Messe des Morts*. This has only once been given in London, about thirty years ago, and then not at all satisfactorily.

### The Prize-winning Works.

There will also be played four of the prize-winning works in the British Broadcasting Company's Competition for English composers. They will include the Symphony, the Choral Work, Symphonic Poem, and the Poem for Voice and Orchestra. The Song Cycle and also the Military Band Suite will be reserved for performance under other conditions which will be announced later in *The Radio Times*.

Three of our most distinguished British composers will be represented by entirely new works. Holst is writing a new work specially for these National Concerts (his remarkable *Hymn of Jesus*, which won a Carnegie Award in 1922 and has been heard at several important Musical Festivals since, will also be played); and so, too, are Dr. Vaughan Williams, England's "pastoral" composer, as he has been called, and Mr. E. J. Moeran, whose work has in recent years come much to the fore. Mr. Arnold Bax will be represented by a performance (the second since the work was written) of his choral composition *To the Name Above Every Name*. Sir Edward Elgar will conduct a programme of his music, including, probably, his Violin Concerto, which will be played by Mr. Albert Sammons, who is one of England's leading violinists, and is considered to be the authoritative interpreter of Sir Edward Elgar's Concerto.

These twelve National Concerts—which will, of course, be broadcast from all stations of the B.B.C.—will be given on Thursday evenings (with the exception of Tuesday, November 6th) on the following dates, September 30th, October 21st, November 9th and 25th, December 16th, January 20th, February 3rd and 17th, March 3rd, 17th and 31st, April 14th.

Tickets of admission to these concerts will vary

from one shilling to four shillings (the highest price), and it has been decided to make all the three shilling and four shilling seats bookable in advance.

The British Broadcasting Company has undertaken the difficult and responsible task of organizing this remarkable series of concerts with the object of giving lovers of good music everywhere an opportunity to hear during the coming winter evenings some of the world's finest music, both classic and modern, performed by some of the most famous musicians of Great Britain and the Continent, under exceptionally favourable circumstances.



Sir Hamilton Harty (above),  
Sir Edward Elgar (below).

Sir Landon Ronald (above),  
Mr. Albert Coates (below).

Some of the famous British Musicians who will take part in the remarkable series of National Concerts which will be held this winter in the Royal Albert Hall, London, under the auspices of the B.B.C.

## North of the Tweed.

### Gossip From Our Scottish Stations.

#### An Edinburgh Station Concert.

THE Edinburgh Station has arranged an important concert to be broadcast from the Usher Hall on Friday, October 8th. The artists on this occasion will include Solomon, the famous pianist, a well-known lady singer, and the combined Station orchestras of the Edinburgh and Glasgow Stations, numbering about sixty players, and conducted by Mr. Herbert A. Carruthers, of the Glasgow Station. The programme will include the Symphonic Variations of César Franck, the overture to *The Wages* (Aristophanes) by Vaughan Williams and a group of orchestral pieces of more than usual interest. The charity which will benefit on this occasion is the Royal Edinburgh Hospital for Sick Children.

#### The Scottish Military Tattoo.

Arrangements have been made to broadcast practically the whole of the performance at the Scottish Command Military Tattoo, which is being held in the grounds of Dugburn Castle, near Edinburgh, from the Edinburgh Station, on Friday evening, October 1st, and it will be relayed to the other Scottish stations. A talk on the Tattoo, to be given from Edinburgh on Monday, September 29th, at 6.30 p.m., will also be relayed to Aberdeen, Glasgow and Dundee.

#### "A Scottish Eastbourne."

Another concert is to be relayed from the Atholl Palace Hotel, Pitlochry, to Aberdeen, Edinburgh, and Dundee Stations on Friday, September 24th. The previous concert arranged by Dundee Station on July 21st was very successful, and many listeners spoke of the "Scottish Eastbourne." The main part of the concert from 8.0 to 9.30 p.m. will be relayed from the Lounge, and the latter part, which includes Dance Music, from the ballroom of the hotel.

#### The Story of Venice.

A Venetian Programme has been arranged by the Glasgow Station for Friday, September 24th, when the story of "The Queen of the Adriatic" is to be told in music, with a few words of explanation and description. The musical pictures depict the fortunes of Venice from the time when refugees from Attila first founded a community in the lagoon, down to the present day.

#### Aberdeen's Church Service.

The evening Church Service from Aberdeen on Sunday, September 16th, which will be relayed from the West United Free Church, will be held under the auspices of the Scottish Sunday School Union for the promotion of Christian Education, and will be representative of several denominations in Aberdeen. The preacher is to be the Rev. E. Hopkins, A.T.S. The musical programme on the same evening will be given by a combination of Steadman's Orchestra and the Station Orchestra, under the direction of Mr. Steadman.

#### Two Scottish Recanteurs.

A very strong Scottish programme will be given from Aberdeen on Saturday, September 25th. In addition to the orchestra, a violinist and a vocalist, it is hoped to have at the Studio two renowned story-tellers, in the persons of the Marquis of Aberdeen and Temair, and Sir James Taggart, both of whom have always evinced great interest in the Station's doings, and both of whom have brought story-telling to a fine art.

## Learning Languages by Wireless.

A preliminary announcement concerning an important new scheme for learning languages through lessons broadcast by B.B.C. Stations appears in this week's issue of

"World Radio."

at all newsagents, price 2d.

If you are interested in languages, get a copy to-day.



## What Next!

By Robert Megill.

ALTHOUGH not every listener takes out a licence from the Post Office, this does not prevent a number of them from assuming a licence to criticise the programmes. Judging by the letters they write at times, it appears that they hate classical music because it isn't jazz, and jazz music because it isn't classical. They dislike serious talks because they are not funny, and they don't like plays because they can't dance to them. Their dictum seems to be that whatever is, is wrong because it isn't something else.

In fact, the only thing they dislike more than wireless programmes, taking them on the whole, is no wireless programme at all. When, by some accident, transmission stops, they rise in their wrath and break the postman's heart—and his back—by sending several million more letters about it.

### Setting the Ether to Work.

Up to the present, I suppose I am nearly the only man in England who has never confessed to his friends that he could run the British Broadcasting Company better than the present staff; but, having recently invested ninopenes in a new crystal, I feel that this expenditure justifies me in making a few suggestions to the new Commission that will shortly take over the important job of being blamed for everything that goes wrong.

The whole trouble is that, hitherto, the B.B.C. has broadcast nothing but sounds—things we listen to. True, they tell me that the transmission of vision is nearing perfection, but even when this is an accomplished fact, we shall hear complaints because oscillation will make a close-up of a pretty girl look something like a Rugby scrum.

But if it is possible to broadcast one form of power, why not another? Instead of Sound, why not Light, or Heat? If the best, or even the worst, music fails to satisfy, why not occasionally send out some powerful vibrations that will make a receiving set give a brilliant fireworks display? It wouldn't please everybody, of course, but it would give them something fresh to grumble about.

### The Set that Rocks the Cradle.

But perhaps the matter could be adjusted at the other end. The vibrations of a jazz band travelling through the ether are nothing like a fix-trot, until our sets have transformed them back into the croon of the saxophone and the throb of the drum. But why can't we have sets that will transform these vibrations into something else altogether?

Then, it happens that sometimes during the Children's Corner my set is merely mumbling away to itself, because Bunty is busy elsewhere, and I never listen at that time, because the Uncles don't tell people like me where we can find presents under the clock. Therefore, the ether is simply stuffed with vibrations that, so far as I am concerned, are going all to waste. Why can't I trap these and use them to work something like an automatic cat-stroker?

Think how useful it would be, when a powerful baritone is singing a song you're tired of, if you could take his top notes and make them boil a kettle, or even, instead of keeping the baby awake, utilize them to rock it to sleep? I admit that it would be awkward at times, for I should forget how the thing was tuned, and the weather forecast, instead of depressing me as usual, would probably toast my ears.

And Love, like the power that makes the telephone bell ring, is merely another vibration. Some day I am going to invent a transformer that will make my set give me a real good-night kiss.

## Some Cricket Memories.

By Wilfred Rhodes.\*

I HOPE you will believe that I am a better cricketer than I am a speaker. In fact, I might say, if that were not so, you would never have heard of me. But, being a good Yorkshireman, I am going to try to do my best and, I hope, not disappoint you.

I should like to tell you about some of the great cricketers that I have played with, and against, during a career that has lasted much longer than I had ever thought possible.

I am going to start by taking you right back to 1890. The scene is Trent Bridge, Nottingham. Here I played in my first Test match, and met the famous Dr. W. G. Grace. So, you see, I am quite a link with the past. The old doctor was a wonderful cricketer, but I think he was even more



WILFRED RHODES IN ACTION  
delivering one of his famous slow balls.

wonderful as a man. I know everybody in that match had a profound respect for him. I have met very few men who would dare to say "No!" when he said "Yes!"

Another great player I met during that year was J. T. Hearne, the Middlesex medium-paced bowler—at that time at the very height of his fame. In that year he did the hat-trick at Leeds, taking the wickets of Noble, Clem Hill, and Syd Gregory. In my opinion, this is the finest hat-trick standing to the record of any bowler, because all these three players were great batsmen. I did not play in this game, but I had the pleasure of witnessing this great performance.

I must now speak of my old friend the late Schofield Haigh. It is many years now since we last saw him swing his strong right arm to bowl that deadly ball that so often hit the stumps. I wish we had a bowler of his like to-day. He was a man who had no pret theories about how to get a man out. His one idea was to "hit the stumps—and the harder you hit them, the better!" No bowler hit the stumps so often. Schofield Haigh was one of the most popular players Yorkshire ever had—almost as popular as George Hirst.

Of course, Tom Richardson, the famous Surrey express bowler, was also noted for knocking down

the wickets. Here again was a player without an equal to-day. His wonderful record of over a thousand wickets in four years will probably stand for many years to come. Then there is Syd Barnes, the Staffordshire player, whom I claim to be the finest bowler for all wickets that I have ever played with. Until the last Test match, he held the record for the number of wickets captured in these games. If you took the opinions of the great cricketers of Australia, South Africa, and this country, I think they would bear me out that in his prime Syd Barnes (who, I am glad to say, is still playing and taking wickets in good-class League cricket) was the best bowler in the world.

### Modern Bowlers.

Perhaps the bowler who was most similar in method to myself was Colin Hlythe, the Kent slow left-hander. He was one of the deadliest ball-spinners, and regularly occupied a very high place in the bowling averages. Unfortunately, he did not enjoy the best of health. On one occasion, in a Test match, the excitement so overcame him that he asked to be excused playing in any further game. Now he lies buried in France.

I could speak of other great bowlers, of more recent years—Frank Woolley, Roy Kilner, Parker of Gloucester, Richmond of Nottingham, and J. C. White of Somerset. These bowlers use very similar methods to my own. Some of them, like myself, are left-handed, but every one spins the ball, at the same time keeping a very excellent length.

The tendency of the past few years has been to create what I call "freak" bowlers. The googly type can be, on certain wickets, very successful. I remember, some years ago, a Kent amateur, W. A. Carr, having a tremendous run of success when bowling what we call the "wrong 'un." But, in my opinion, the side which is going to be most successful will be that which possesses bowlers like those I have mentioned.

Now I am going to let you into a little secret. I am also going to make a confession. Every time I bowl a ball, I do try to impart spin; but I do not always know what the ball is going to do. Usually, of course, I pitch the ball on to the leg stump, and it goes away to the off. But sometimes the ball will do something I don't expect, and it is when this happens that it often gets a wicket.

### "Spinning" the Ball.

Now what is the cause of this? It is simply that the ball is spinning in its flight. When it touches the ground, it might strike a tuft of grass that is slightly moist or greasy. Should this be the case, the ball will do all manner of queer tricks. For instance, instead of breaking to the off, it will go straight through, and catch the poor batsman napping. Of course, I can bowl a ball without spin that will go straight through as intended, but this would not have the same effect upon the batsman. Good length, plain, straight bowling, while having its virtues, would not get a good-class batsman out once in a month of Sundays.

The batsman must always be expecting the ball to do some work. The more spin, the more erratically will the ball leave the turf. All the best bowlers who have lasted any period of time at all have had this in mind. And all those who wish to succeed in this phase of cricket cannot do better than acquire the art of ball-spinning.

We are reading that some of those who are called veterans are not likely to be playing in a Test game again. I am not so sure. I am even prepared to say that if Jack Hobbs keeps his normal health he will be in our next Test Eleven. His cricket this year has been wonderful, and I see him still as great a player as ever he was. What has been possible to me seems to me to be at least equally possible to "Jack."

\* In a Talk from London.



## Listeners' Letters.

## A Gift for St. Martin's.

*(Listeners are reminded that we do not consider anonymous letters for publication. Preference is given to letters which contain interest with brevity. The Editorial address is: Sunny Hill, Strand, London, W.C.2.)*

I HOPE that a fund will be started to make good the loss recently sustained by our friends at St. Martin-in-the-Fields. I have pleasure in enclosing my cheque for a guinea.—E. A. SEARS, Twickenham Green, Middlesex.

[Our correspondent refers to the recent theft from St. Martin's, when four valuable pieces of plate were stolen. Mr. Sore's cheque has been forwarded to the Rev. H. R. L. Shppard, the Vicar, who has conducted so many of the St. Martin's broadcast services, and whose voice is so well known to listeners everywhere.—Editor, The Radio Times.]

## The Unseen Drama.

LET me enter a further plea for the broadcasting of more plays. Students of the drama sigh for the conditions which prevailed in early times, when the scenery and effects were simple, and the audience were compelled to exercise a lively imagination in order to fill the void, and thus might almost be said to have taken a part in the representation. Nowadays, there is no such stimulus; the gorgeous paraphernalia of the producer leave room for no mental effort on the part of the audience. What an invaluable instrument, then, is the broadcast play for correcting this tendency and training the imagination! Wireless can eliminate the tinelled make-believe of the stage altogether; and a couple of men in lounge suits in the studio, aided by a performer upon the bones, can conjure up in the minds of a million listeners the figures of two romantic cavaliers, beplumed and gaily caparisoned, setting forth on horseback upon the highway.—F. ROSAINE DAY, Old Lodge Lane, Purley, Surrey.

## More Plays from Daventry.

A LARGE proportion of Daventry listeners, living far from towns, can never see a play, while London has forty or fifty theatres to go to. It, therefore, radio plays were sent out from Daventry, country folk would be able to enjoy them—a great treat. I can assure you—and those London listeners who wished to hear them could tune in to Daventry the alternative programme, sent out from "2LO," would satisfy the rest of London. Why is this not done? For a long time past Daventry has had fewer plays than any other station.—B. NEWS, Castleorton, Malvern.

## A Question of Announcing.

YOUR correspondent, "Anxious, Dublin," makes a charge against "our" Announcers that I feel I must defend. I, like "Anxious," have prepared a log of stations and have never had any difficulty. The Radio Times and World Radio are a great help in this direction, and the Announcers at all stations, when I have been listening, have announced the name of the station. Surely, "Anxious" must have heard Bournemouth's cheery voice, and Cardiff, who frequently announces before and after each item. As for the hour or more that "Anxious" was listening, was it a play or an opera, and did he want the name of the station during the play? My set receives all stations south of Manchester. Perhaps "Anxious" is troubled further north. Speak up in defence, ye Northerners!—GLOUCESTER.

## The Winter Time-Table.

I ADD many of my workmates and acquaintances are of the same opinion as your correspondent, D. T. King, as to cutting into the evening's programme at 9.30 with the news bulletin and chat. I believe it used to be the general custom of your working-class listeners to enjoy the concert until 10 p.m., listen to the news, and then to bed. As many of us do not get home until after 7.30 p.m., the concerts now beginning at 7.40 are too early. We hope the old order, 8 p.m. to 10 p.m., will be restored before the dark evenings are here again, to enable us to enjoy a full concert in place of the

present mutilated one.—CHARLES E. DREWRY, Lower Church Lane, Tipton, Staffs.

[Our correspondent will be glad to know that, from Monday, September 20th, the Second General News Bulletin will follow the Time Signal at 10 o'clock.—Editor, The Radio Times.]

## For Those Who Do Not Dance.

MIGHT I suggest that those listeners who do not wish to listen to dance music on Tuesday, Thursday, and Saturday from 10.30 p.m. to midnight should be given an alternative programme? At the moment I have to switch over to Germany to hear any good music on these nights, as every English Station is relaying dance music from London. As I have no wish to spoil the enjoyment of dance lovers, I should suggest that on Tuesdays Bournemouth and Glasgow should give us an alternative programme, on Thursday Cardiff and Newcastle, and on Saturday Birmingham and London. This would give everyone at least one alternative late programme a week, without interfering to any appreciable extent with London relays of dance music.—H. P. FLETCHER CAMPBELL, Wykeham Vicarage, Yorks.

## More Talks for Motorists.

OVER a year ago I asked if the B.B.C. could give us, fortnightly (even weekly in the summer season), a few suggestions for tours through country interesting historically, architecturally, or naturally, and happily "Yet" has now hit the mark in his recent attractive Talk. Would not similar Talks be very acceptable periodically throughout the whole of the motoring season, which now ranges from about February to December? Something on the lines of, though not the same as, Mr. Allen Walker's Architectural Talks would seem to me to meet a pressing need.—S. H. A. NORMAN, Essex.

## A Farmer Returns Thanks.

AS a farmer, I should like to say how greatly I and my neighbouring farmers have benefited by the B.B.C.'s weather forecasts during the hay and corn harvest this year. As it has been a very wet time, it was worth a good deal to know what the weather was going to be.—FRED EARR, Baggrave, Leicestershire.

## Hull Sets an Example.

I SHOULD like to draw attention to the fact that the employees of Messrs. Reckitt and Sons, Ltd., Hull, Yorks, have generously contributed the sum of £24 towards the equipment of a wireless installation in the Hull Royal Infirmary, and further weekly collections are to be taken in the various departments by the employees. It is hoped that this will prove an incentive to the employees of other large firms throughout the country and so help in the instalment of wireless in hospitals everywhere.—W. WOOD, Brunswick Avenue, Hull, Yorks.

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Wave-lengths are subject to temporary adjustments.

## Programme Pieces.

A Weekly Feature Conducted by  
Percy A. Scholes.

## LALO'S "NORWEGIAN RHAPSODY."

(MANCHESTER, SUNDAY.)

PART of this work was originally written for Violin and Orchestra, under the title of *Norwegian Fantasia* and was played by Sarasate (whom Lalo greatly admired, and for whom he wrote his *Spanish Symphony*).

Later, the piece was arranged for Orchestra alone, and still later, Lalo added another section to it, completing the *Rhapsody*.

It begins with a two-bar "call to attention," and an Introduction, the opening theme of which comes, very softly, from the Violins.

Now begins a lively section, starting with a Clarinet Tune, gaudily set out, with Drums, Tambourine and Triangle cheering it along.

The Second Main Tune is forcefully given out by Cellos, and the first part of the work is built on these two melodies.

The second part, in a minor key, begins with a Tune on the Trumpets, that Grieg has used in one of his albums of Piano pieces depicting Norwegian life.

The next Main Tune is first played very loudly by Strings, Horns and Bassoons, and then, very softly, by Violins and Woodwind.

Some working of these tunes brings us to a tripping passage, three notes to a beat (after the Tarantella style), that introduces a Final Tune based upon it.

From these materials the exhilarating Rhapsody is built up.

## WEBER'S OVERTURE TO "EURYANTHE."

(LONDON, MONDAY; PLYMOUTH, THURSDAY.)

WEBER was commissioned to write a new Opera for a Vienna theatre, because of the success of his *Frei Schütz*. He looked at several plots, but discarded them for the work of an eccentric woman author, Helmina von Chezy, whose wretched libretto for the play *Die schweizerische Familie* (to which Schubert wrote incidental music) was the chief cause of that work's failure. Together she and Weber selected *Euryanthe*, a thirteenth-century tale of chivalry, full of ghosts, fairies and such-like legendary folk. The work did not hold the stage; its libretto was too silly even for those days.

The Overture, according to Weber's characteristic plan, contains foretastes of the Opera's leading airs. Its brilliant opening depicts the background of chivalry against which the drama is unfolded.

The First Main Tune comes very soon, played by the Wind. It is taken from an air in the Opera in which the hero, Adolar, declares his confidence in Heaven and in his Euryanthe.

A sweetly-flowing Violin melody forms the Second Main Tune. This comes from another air sung by Adolar when he is happy at the prospect of being united to Euryanthe.

Now an air of mystery is created by a fine passage for eight Solo Violins, muted, with a trembling accompaniment by the Violas, also muted. Weber thought that it would help to elucidate the plot if at this point in the Overture the curtain were to rise upon a tableau showing an important incident which in the drama was only narrated, not acted. The stage manager and the touchy authoress combined to overrule him, and so the audience was not given this aid to understanding the muddled story.

An episode follows, in which the Bames start a theme derived rhythmically from the hero's song of confidence. Then the two Main Tunes are repeated, and the Overture ends with a dashing finale.

(Continued on the facing page.)







## The Children's Corner.

## A Butterfly's Life Story.

By William Jewell.

IN previous articles I have chatted about the fascinating subject of bird-watching, and the systematic study of flowers. This time I am going to deal with butterflies, and explain how you can make a complete study of the life-circle of these little creatures—from the egg back to the egg again, so to speak.

I want to interest and help as many of you as possible, so I'm going to take the Large White Butterfly as our example of what to look for and what to do, because it is found everywhere, and anybody can study it.

## The Birth of a Caterpillar.

When you have found a female of this kind, you must watch for it to settle down on a cabbage leaf. It will stay there for a little while. When it has gone away, take out your small pocket magnifying-glass and examine the leaf. Perhaps you'll find nothing at all the first time; but the lady will come back, maybe to another leaf, and soon, when you examine the place where she rested, you will find lots of very tiny yellow-coloured eggs. They are very small, but they are very beautiful. If you were to magnify them with a powerful glass, you would find that they are very delicately coloured and prettily shaped.

You must look at these eggs every day. In five or six days they will begin to break open and hatch out very small caterpillars. Now you will see the real baby of this common butterfly, for this young caterpillar is the first stage on the way to a new Large White Butterfly. If you look at them through your pocket glass, you'll find that they're pale green, with blurry-grey backs.

All through the next month you can watch the caterpillars growing. A few days after they have hatched they begin to feed on the cabbage leaves and in a very short time the poor cabbage looks a very torn and tattered affair. As the caterpillars grow larger, they become spotted in colour. They spend all their time in eating, and every now and then they become too large for their clothes. Each time this happens, the skin splits and they cast it off, but there is always a new skin underneath.

## The Magic of the Chrysalis.

Towards the end of July or early in the month of August they are full grown, and now is the time to watch them very carefully indeed. You'll see them one by one stop their feeding on the cabbage leaves and begin to crawl down the stalk of the plant and away over the garden. If you miss them as they travel along the ground, you can soon find them again on the garden wall or on the woodwork of some outhouse or other. They are looking for a snug place under the coping of the wall, and, when they have found it, they start to spin a little silken cushion. They hang on to this while they cast off their skin for the last time. Then each of them turns into what is called a pupa (or chrysalis), where the second stage of their life goes on. This pupa is grey in colour. It has yellow streaks and black spots, and is rather pointed at the ends.

Inside the pupa case a wonderful change takes place. But it takes a long time. Some butterflies go away from this country for the winter, but the White Butterfly generally escapes the cold winds and hard frosts by keeping in its snug pupa case. I don't want you to forget all about it because the story takes a long time. You will have plenty of other things to do out of doors as the months go by, but you can often spare the time to have a peep at the pupa under the wall coping. Then when the warm weather of next Spring comes along,

you will be ready to finish off your notes of the story.

When you go one day next April or May to have a look at the pupa, you will find that it doesn't look so shiny, and seems to be slightly wet or greasy. Then you'll know that the butterfly won't be long before it comes out.

You mustn't expect to see it appear in a few minutes. It may be a few hours before it actually starts to break its way out.

If you watch closely, you'll see the broader end of the pupa case begin to burst open. The butterfly's head comes out first, and then its front legs. With these legs it grips hold of a tiny ledge, and in a very short time it has broken out of its case altogether and is resting on the wall.

Now you'll have a wonderful hour, worth every minute of the long time you've spent waiting and watching. At first the butterfly cannot use



This drawing shows the female Large White Butterfly, the caterpillar feeding on a cabbage leaf, and the chrysalis. Besides the small black spot on the front edge of the back pair of wings, the female butterfly of this species has two black spots on the front wings, as shown in the drawing.

its wings, for they're all crumpled and wet. But in a few minutes they begin to stretch out, and their beautiful softness shows. As the hour goes by they dry and you'll see the butterfly move them up and down as it begins to get control of them. As it feels the warmth of the sun, it moves its legs and flutters its wings, and seems eager to be flying about in the sunshine. Presently it will walk up the wall and then fly into the air.

Now that you know what to go out and look for, I'm going to tell you what to do with the knowledge that you gather. Lots of people make collections of butterflies, and, if they go about it in the right manner, it is not cruel to do so. But I think you can get more fun by merely watching. All you need to take with you is a notebook and pencil, and your small magnifying-glass.

If you have a camera, so much the better. Then you can illustrate your notes with photographs of the butterfly's life-story. You can take one picture of the female as she hovers over the cabbage leaf, another of her resting on it, another of the young caterpillars, and several of them as they grow bigger.

If you can't get a camera, you can make little drawings of the things you see, and write descriptions to go beside them in your big book at home. With the photographs or drawings to illustrate it, and from your notes, you can write a splendid story of the butterfly's life during the long winter evenings.

## What the Children's Corners are Doing.

London and Daventry News.

HOLIDAYS will soon be coming to an end for Nieces and Nephews, and Aunties and Uncles, and we all hope everyone has had a very jolly time. Those of you who have only just returned to London will still be able to see the "wheels" of the Children's Corner "going round" if you go to the great Wireless Exhibition at Olympia, as we shall be broadcasting from there every day next week.

On Monday, September 13th, Uncle Rex will tell the story of "How the Order of the Round Table Was Founded," and on Tuesday Mr. Ronald Gourley is going to bring his "Dicky-Bird" and the "Sycamore Tree" to the Exhibition. Uncle Rex will also be there and he will tell the last of the "Sandy Strang-in-the-Arm" stories. Wednesday is to be "Aunts and Uncles Day," if enough of them can find time to get to Olympia! Thursday is, of course, the day for Uncle Leslie's Zoo Class, and he is going to talk about "The Zoo's Worst Characters." There will also be a story by Miss Otwen Bowen, not about Hepzibah Hen this time, but about two adventurous pixies called "Hap" and "Hazard."

The programme on Friday includes songs by Miss Kate Winter, a recitation from "When We Were Very Young" (A. A. Milne), and a story called "The Nose Tree" by Mr. Harcourt Williams. Saturday is Competition Day, and this time it is to be a musical one. We hope lots of people will enter for it, and that everyone will send in their answers whether they think they are right or wrong, because then we shall be able to tell if they have enjoyed the competition and if it was too difficult, or too easy, or just right.

## A Canine Broadcast.

A novel feature in the Edinburgh Children's Corner has been the appearance (or should we rather say, "sound"?) of Warner, the beautiful Aethian member of the staff, who has come to the microphone on several occasions to say "thank you" to his dog correspondents who have sent him messages of greeting. There are many dogs, not to mention cats, canaries, parrots, armadillos, and jaguars, who have joined the Radio Circle and who, therefore, feel that it is more appropriate to write to Warner than to any of the Aunts or Uncles. The question is being warmly discussed whether Warner should be dignified with the title of "Uncle" in view of this fact!

## The Children's Playbox at Liverpool.

Listeners to the Children's Corner at Liverpool will be delighted to hear that the Children's Playbox, which was so popular last season, will be resumed on the first Saturday in October, the opening production being *The King Who Had Nothing To Learn*, by Leon M. Lion.

The Playbox will continue weekly on Saturdays until Christmas, and a great variety of classical and original plays will be heard. It is hoped that the Liverpool Children's Orchestra will again assist in a number of these productions where incidental music is required.

## Request Day at Dundee.

Tuesday (Request Day) is a very popular day at Dundee. The Uncles and Aunties are generally snowed under with requests for all types of music, song, and story.

Here is a sample of the various items asked for: Uncle Arthur (at the piano): Rachmaninoff's famous Prelude; Ketelbey's "In A Monastery Garden"; "Pictures from Greece," by Farjeon, and numerous syncopated dance items! Uncle Bob's requests, however, are even more assorted: "Mary of Argyll"; "Behind The Clouds"; "Smile A Little Bit"; "Passing By"; "Poor Old Joe," and the "Prologue" from *Pagliacci*!



THE STATION CHURCH, F. KEMP JORDAN  
BAPTIST, HERBERT LEBMAN, LUTHER L.



# IMPERIAL AIRWAYS LIMITED.



PLEASE REPLY TO  
Air Port of London:  
Croydon:

13th July, 1925.

Messrs. Shell Mex Limited,  
Shell Corner,  
Kingsway, W.C.2.

Dear Sirs,

We have much pleasure in advising that one of our Siddeley "Puma" engines has just completed its 60,000 miles running on Triple Shell Lubricating Oil with nothing beyond the ordinary routine attention, and examination at the end of this period showed the engine to be in perfect condition.

This oil was from our ordinary supplies of Triple Shell Oil which we use in this type of engine.

Yours faithfully,

For and on behalf of IMPERIAL AIRWAYS LTD.,

*H. L. Hall*

H. L. HALL.

Engineer Superintendent.

## BUY THE GRADE FOR YOUR CAR.

Motor Oil - Triple  
Armstrong - Triple

Cum - Triple  
Ford - Triple  
Horse - Triple  
Kew - Triple  
Norton - Triple  
Rover - Triple

Keep a spare for the  
of Shell  
Oil for your car  
if it is not used at

## 60,000 miles without decarbonising —on Shell Motor Oil

This "Triple Shell" Oil exactly the same as used by Imperial Airways Ltd. in their Siddeley "Puma" engines and by Mr. I. G. P. Thomas to create the world's motor car speed record of 170 m.p.h.—is available everywhere from Shell cabinets at bulk prices.

The value is put into the oil—not into useless tin packages.

MOTOR **SHELL** OIL

As Good as Shell Petrol



Local Announcements  
(Continued on the next page)

\*Items marked thus are relayed from the Studio at the National Radio Exhibition at Olympia.



# LONDON PROGRAMMES.

(Continued from the previous page.)

Week Beginning  
September 12th.

365 M.

- 10.0. GEOFFREY GWYTHER.  
Original Songs at the Piano,  
a. j.  
MABEL CONSTANDUROS  
in Cockney Sketches.  
10.30. DANCE MUSIC.  
KETTNER'S FIVE,  
Directed by  
C. J. F. F.  
from Kettner's Restaurant.  
12.0.—Close down.

## WEDNESDAY, Sept. 15th.

- 1.00. THE LONDON RADIO  
Carillon Contouring's Orchestra  
from Restaurant Frugal.  
\*3.0. Dance Music.  
THE LONDON RADIO  
DANCE BAND.  
CHARTERIS and DIXON  
Entertainers!  
4.0.—TIME SIGNAL FROM GREENWICH  
"Out of Doors," by A. Bonnet  
Lard.  
4.15.—THE NEW GALLERY  
KINEMA ORCHESTRA: Con-  
ducted by FRED KITCHIN  
from the New Gallery Kinema.  
5.0. ORGAY RECITAL by REGIN  
ALD FOORT relayed from the  
New Gallery Kinema.  
\*5.5. FOR THE LONDON TALKING  
Aunt's in: ...

- Light Music.  
ALEX FRANK'S ORCHESTRA  
from the Radio Theatre.  
6.50. The Week's Work in the Garden  
by the Royal Horticultural  
Society.  
7.0. TIME SIGNAL FROM BIG BEN  
WEATHER FORECAST AND  
GENERAL NEWS BULLETIN  
by L. M. ...  
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- For all of the Grand  
RAYMOND BAYLES  
Adeline (Daughter of the Count)  
MAY BLYTH  
Queen of the Gipsies  
LADYS PALMER  
THE WIRELESS CHORUS  
(Chorus Master)  
STANFORD ROBINSON  
and  
THE WIRELESS  
SYMPHONY ORCHESTRA.  
PERCY PITT  
A Libretto of the Opera has been  
prepared by the B.B.C., costing  
3d. post free. For further de-  
tails see page 479 of this issue.  
\*10.0. WEATHER FORECAST AND  
GENERAL NEWS BULLETIN  
by L. M. ...  
Serial Story, "The Ultimate  
Island," by L. de Gibran  
narrated by Mr FRANK  
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## THURSDAY, Sept. 16th.

- 1.00. THE LONDON RADIO  
Carillon Contouring's Orchestra  
from Restaurant Frugal.  
\*3.0. THE RADIO QUARTET  
and  
ARTHUR THOMSON  
4.0. TIME SIGNAL FROM GREENWICH  
"Out of Doors," by A. Bonnet  
Lard.  
4.15.—THE NEW GALLERY  
KINEMA ORCHESTRA: Con-  
ducted by FRED KITCHIN  
from the New Gallery Kinema.  
5.0. ORGAY RECITAL by REGIN  
ALD FOORT relayed from the  
New Gallery Kinema.  
\*5.5. FOR THE LONDON TALKING  
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- THE ORCHESTRA  
Four Indian L...  
Low B...  
CYRUS GARSIDE  
A Clap of the Old Black  
ARTHUR SALISBURY  
Solo Violin.  
Rimsky Korsakov  
Elegie  
CYRUS GARSIDE  
"If I Might (Sing to You)"  
W. B. Square  
THE ORCHESTRA  
Selection, "Faust" ... Ground  
9.30. WEATHER FORECAST AND 2ND  
GENERAL NEWS BULLETIN  
Mr REID MOIR: "The Homing  
Problem in Prehistoric Days."  
Local Announcements.  
10.0. HARRY SOLLOWAY  
(Violin)  
Romaine Caprice  
FLORIE HOLDING  
(Soprano).  
Ap de B...  
Lawrence Kelly  
"Where the Bee Sucks"  
Arthur Sullivan  
"The New Macbeth"  
Raided Boughton  
Gathering Berries  
Rimsky Korsakov  
HARRY SOLLOWAY  
"Playful" ...  
Le Vent ("The Wind") Valsey

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- JOHN COSS (Baritone)  
Air Tender  
Serenade from "The ...  
8.25. Poetry Reading  
IN OLDENY LEGENDS.  
8.4. THE ORCHESTRA  
New Suite for Strings  
Collected and ...  
Over the Air ...  
9.0. JOHN COSS (with Strings).  
The Mew Trough  
The Next Market  
The ...  
The ...  
THE ORCHESTRA  
Elegie  
St. Paul's Suite  
Jig, Intermezzo, Finale ("The ...  
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365 M.

# LONDON PROGRAMMES.

(Continued from the previous page.)

Week Beginning  
September 12 h.

7.0.—TALK SIGNAL FROM BIG BEN,  
WEATHER FORECAST AND 1st  
GENERAL NEWS BULLETIN  
Mr. C. A. LEWIS: "Highlights on  
Pekin—The Forbidden City"

Chopin

1. "Waltz, Op. 7, No. 4  
(Posthumous) in D Flat Major,  
Larghetto, Op. 70, No. 1  
(Posthumous) in G Flat Major,  
Ritardando, Op. 60, in F Sharp  
Major.

\*7.40. Sir WILLIAM BRAGG  
KBE, DSc: "Means"

\*8.0. Closing Concert from the  
National Wireless Exhibition.

THE WIRELESS ORCHESTRA  
Conducted by JOHN ANSELL  
March, "Queen of the Surf"

VIVIEN LAMBELET (Soprano)

"O When I Get to Heaven"  
arr. Maurice Strakosky  
"In the Silver Moonbeams"  
arr. Maurice Strakosky

THE ORCHESTRA  
Overture, "La Sorella" ... Anser  
FRANKLYN KELSI  
Bartone

"Off to Philadelphia"  
arr. Maurice Strakosky

"Father O Flynn" ... Stanford  
"To Antioch" ... Holton

THE ORCHESTRA  
Invitation to the Waltz" Weber  
VIVIEN LAMBELET

"Dance Music" ... Hahn  
"Do Not Go, My Love"

"Do You Believe in Fairies?"  
arr. Maurice Strakosky

THE ORCHESTRA  
Valse, "Wood Nymphs"

"Onward, Awake, Beloved"

"One Night Came On a Night"  
arr. Maurice Strakosky

THE ORCHESTRA  
The Wedding of the Rose" ... Jessel

VIVIEN LAMBELET  
"The Old Sweet Song" ... Kreisler  
"I to a Rose" ... Nertin  
"A Song" ... Alton Teazara

THE ORCHESTRA  
Selection, "The Naughty Prince"  
arr. Maurice Strakosky

Selection, "Café Chantant"  
arr. Maurice Strakosky

\*9.30.—WEATHER FORECAST AND 2nd  
GENERAL NEWS BULLETIN  
Sports Talk  
Local Announcements

10.0. HARMONY HADDELEY  
and  
LANCE LISTER  
In a Show

10.30. DANCE MUSIC.  
THE SAVOY ORPHEANS.  
SAVOY HAVANA BAND,  
and the  
R MAINE FIVE

Relayed from the Savoy Hotel.

12.0.—Close down.

## LONDON NEWS.

New Series of Sunday Afternoon  
Concerts.

CHAMBER music, as its name implies, is music designed for performance in the intimate surroundings of the home. It has appealed to the tastes of all ages and schools through the centuries, and romantic periods, to the present day, particularly as a medium for the expression of the happier side of life. There is but little chamber music of any tragic import, most of it is cheerful, often merry, and almost invariably it is tuneful, easy to understand and enjoy.

The programme on Sunday afternoon is the first of a series to be composed from Chamber Music. In this particular programme is included the whole of the fine Quartet in E major and Strings, by Schumann, one of the most popular of all the works of the Romantic age of music. The *Infante Carlos* in the Quartet *D Major*, which is possibly the loveliest of the chamber music ever written. They will be played by the Boris Pecker String Quartet and Miss Ethel Barltrop (soprano). Mr. Pecker is a well-known pianist and is the leader of the Chamber Orchestra. The programme will also include songs by Miss Carmen Hill and, at 5.30, Dame Henrietta Barnett will give a reading of poetry.

String Band of the Royal Artillery.

In the evening, a concert will be given by the Royal Artillery String Band, which has broadcast on previous occasions with great success, and Miss Ethel Hook (soprano), who now makes her first appearance before the microphone.

On Monday evening the Wireless Orchestra, conducted by Mr. John Ansell, will give another programme of "Popular Classics." The expression "Classics" is often loosely applied to ordinary conversation, and in a programme such as this are contained items by other composers than the old masters, by whom we usually mean Bach, Haydn, Mozart, and Beethoven.

This particular programme has items by Mendelssohn, Wagner, Brahms, Mozart, and others, even Grieg is included, for although he is a romantic composer who often used modern methods of harmony, some of his works are accepted as standard and of lasting appeal which entitles them to a place in such a programme. Miss Gwendolyn Nash (soprano) will sing the aria *La Sorella* from Mozart's opera *Figaro*, and a second group, consisting of a song by Purcell and one by Schubert.

Written for Broadcasting

In addition to a play, *The Grandfather Clock*, specially written for broadcasting by Mr. Cameron Taylor, the programme on Tuesday evening will be given by the Koeller Hall Band and Mr. Kenneth Ellis, who was last heard from the London Station on Wednesday, August 4th, in a programme arranged by the headquarters of the British Legion.

At 10 o'clock listeners will hear Mr. Geoffrey Gwyther the talented composer of syncopated songs, who was responsible in association with Mr. Max Dorewick, for the musical sketches in the "Saturday Night Revue," broadcast from this Station on August 14th, and Miss Mabel Constanduros will be heard in some more of those sketches which have endeared her to wireless audiences.

"The Bohemian Girl."

After a short variety programme from 8 to 8.30 p.m. on Wednesday comes the next of the operas to be given in the series for which libretti are being prepared for listeners. The opera to be broadcast on this occasion is *The Bohemian Girl* by which Balle is best known. The opera was composed by Alfred Bunn from Fanny Hillier's ballet of *The Gypsy*. It was first produced at Drury Lane in 1843, and fifteen years later at Her Majesty's. In 1868 it was produced at the Théâtre Lyrique in Paris as *La Bohémienne* after having been revised by the composer.

The programme on Thursday evening begins with a broadcast by the Band of the Royal Air Force, relayed from the National Radio Exhibition at Olympia. This will be followed, at 8.30 p.m., by a programme from New Verrey's Restaurant by Arthur Saunders, New Verrey's Orchestra and Mr. Cyrus Garde (soprano).

At 10 o'clock listeners will hear two groups of violin solos by Mr. Harry G. G. G., the distinguished American violinist who has broadcast on several occasions, and a group of songs by Miss Florence Howie, a brilliant North Country soprano, who for some

time has been precluded by illness from broadcasting.

By Request.

The programme by the Chamber Orchestra on Friday evening will consist mainly of items broadcast before—a second hearing of which has been requested. Corelli's *Concerto for Christmas Night* was last broadcast at Christmas by the London Chamber Orchestra, and the Suite from works by Mozart, by Mr. John Barltrop, conductor of this orchestra, will again be included. Mr. John Goss, the well-known vocal singer, will sing two old songs with the stringed orchestra, and also some attractive arrangements of Irish folk songs by Herbert Hughes.

Saturday is the closing day of the National Radio Exhibition, and the Wireless Orchestra will broadcast a popular programme from the studio at Olympia. Also included in the programme are songs by Miss Vivien Lambellet and Mr. Franklyn Kelsey (baritone).

"The Ultimate Island"

On Sunday there will be given two serial broadcasts: the 7.25 p.m. piano recitals, when Mr. Edward Isaac will play most of the popular Chopin Waltzes and the Impromptus, and an adaptation in serial form of "The Ultimate Island," a novel by Mr. L. de C. G. G. This has been arranged in answer to the support given to the first broadcast of this type in which Mr. A. E. W. Mason's novel, "At the Villa Rose," was given in serial form from the London Studio. We may remind listeners that the excerpts will be so arranged that each will be able to listen to them all down.

## HAVE YOU GOT YOUR OPERA LIBRETTI?

ON September 15th, at 8.30 p.m., there will be broadcast from all stations the second of the series of twelve well-known operas, this time "The Bohemian Girl," by Balle. Listeners who wish to obtain a copy of the book of words should use the form given below, which is arranged so that applicants may obtain either (1) single copies of the Libretto of the "Bohemian Girl" at 2d each, 2 the complete series of twelve (including "Rigoletto," which has already been broadcast, but which will be of value in future broadcasts) or (3) the remaining eleven of the series (including "The Bohemian Girl" but excluding "Rigoletto") for 1s 10d.

1. Application for copies of "The Bohemian Girl" only.  
Please send me copy copies of the Libretto of "The Bohemian Girl." I enclose penny stamps in payment at the rate of 2d per copy post free.

2. Application for the complete series (including "Rigoletto" and "The Bohemian Girl").  
Please send me copy (copies) of each of the Opera Libretti as published. I enclose P.O. No. or cheque, value in payment at the rate of 2s. for the whole series, post free.

3. Application for the remaining eleven of the Series (including "The Bohemian Girl").  
Please send me copy (copies) of each of the remaining eleven Libretti of the complete series. I enclose P.O. No. or cheque value in payment at the rate of 1s. 10d. each eleven Libretti, post free.

PLEASE WRITE IN BLOCK LETTERS.

NAME

ADDRESS

Applications must be marked "Libretti" on the envelope and sent, together with the remittance, to Broadcast Opera Subscription List, c/o B.B.C., Savoy Hill, London, W.C.2.

Additional names and addresses may be written on a separate sheet of paper, but payment for the additional subscriptions must, of course, be sent with the order. The Libretti will be sent singly as published to reach each subscriber a few days before each Opera is broadcast.











**Week Beginning  
September 12th.**

5.0 The City of Theatre Orchestra,  
the Direction of 'Rou-

5.0 A. J. Tompa,  
15.—FOR THE CHILDREN

5.0. - Dance Music.

5.30. THE LONDON RADIO  
DANCE BAND  
Relayed from London  
7.0.10. Programme 5 H.







**BOURNEMOUTH PROGRAMMES.** Week Beginning  
September 12th.  
(Continued from the previous page.)

On the same evening the entertainers, Mrs. Grace Ivell and Miss Vivian Worth, again introduce themselves and



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**SUNDAY, Sept. 12th.**

- 30.5.45 (approx.) Programme from London
- 8.15. **THE CHOIR**  
of St. Sampson's Church,  
Grangefield  
"Lord Thy Word Abideth"  
Rev. H. W. Baker (Bremen)  
W. H. M. M.  
Short Reading from the Scriptures  
Antiphons:  
"Lord For Thy Tender Mercies"  
Sung by Rev. Richard Farrant  
"Crucifixion"  
Words by Alfred Lord Tennyson  
The Rev. JOHN G. GARLAND  
Vicar of Upper Grangefield  
Religious Address  
Hymn: "Holy Father, in Thy  
Merry" (Strophens) T. M.  
(Carabrook) E. P. M.  
8.45. **Violin Recital**  
L. ONA H. H. H. H.  
"Abide With Me"  
"Hallelujah Service"  
"Vangel Als Prophet"  
Melody  
From the Canonicus  
8.55.—The Week's Good Cause  
The Hospitaller Welfare Society  
Appeal by Sir GEORGE HUME.  
S.B. from London  
9.0.—WEATHER FORECAST AND NEWS  
Local News  
9.15. **HEAVENLY HARMONIES.**  
Excerpts from Oratorios.  
**THE STATION ORCHESTRA:**  
Conductor.  
WARWICK BRATHWAITE  
Overture, "The Messiah"  
"Pastoral Symphony"  
("The Messiah")  
PARRY JONES (Tenor)  
Recit., "Deeper and  
Deeper Still"  
Aria, "Waltz"  
Angela  
"In Native Worth"  
9.35. **THE WALIA QUARTET**  
MARIAN KEMPTON  
(Soprano).  
LOTTIE WAKELIN  
(Contralto).  
DAVID THOMAS (Tenor)  
TALBOT THOMAS  
(Baritone)  
"God is a Spirit" ("The Woman  
of Samaria") Sterndale Bennett  
"I Have Longed for Thy Sal-  
vation" ("Stabat Mater")  
9.45. **THE ORCHESTRA**  
"Judea" ("Mars at Vite")  
9.55. **PARRY JONES**  
"The Sorrows of Death" ("Hymn  
of Praise")  
Recit., "O God"  
Aria, "With Jesus I"  
Waltz, "Watch and Passion"  
Trio  
10.5. **THE ORCHESTRA**  
"Hymn to St. Cecilia"  
10.15. **THE QUARTET**  
"Ye, Tho' I Walk"  
"To Thee Cherubim and Sera-  
phim"  
10.25. **THE ORCHESTRA**

**CARDIFF PROGRAMMES.**

- 10.35.—"THE SILENT FELLOW"  
11.5.—Close down.

**MONDAY, Sept. 13th.**

- 10.35.—Lunch Time Music from  
the Carlton Restaurant.  
10.5. **THE BAND OF H.M. ROYAL  
ARTILLERY**  
Relayed from the Victoria Park,  
Bath  
4.45.—"The Thief in the Meadow."  
A Short Story by Ray Kay.  
5.0. **Dance Music.**  
**THE ROYAL AUTOMOBILE  
CLUB DANCE BAND**  
S.B. from London  
5.15.—FOR THE CHILDREN  
6.0.—"How a Diamond Passes  
Made," by Mr. Michael M.  
6.15. **Light Music.**  
**ALLX FRYER'S ORCHESTRA**  
S.B. from London  
7.0.—WEATHER FORECAST AND NEWS  
Mr. EDMOND MACGARTHY  
Literary Criticism. S.B. from  
London.  
7.25.—CHOPIN interpreted by  
EDWARD ISAACS. S.B.  
from London.  
7.40. Mr. NORMAN RICHES  
Market and Orchestra.  
7.55. **The Band of H.M. Royal  
Artillery.**  
By kind permission of Col.  
Stanley H. C. STANLEY  
Chaplain, R.A., C.M.G., D.S.O.  
Bandmaster  
H. W. SIMPSON  
Relayed from the Victoria Park  
Bath  
Selection, "Cavalleria Rusticana"  
Caprice, "B. M. M."  
Selection, "Merry Fugue"  
**STUDIO INTERLUDE**  
Study in A Flat Major  
Study, "Mignonne"  
Rigolotto Paraphrase  
**THE BAND.**  
Overture, "Pompeii"  
Song, "Berceuse de Jean"  
(Cornet Solo).  
Bomb. BEYMOUR,  
"Suite Espagnole"  
Selection, "The Gipsies"  
9.30. **WEATHER FORECAST AND NEWS.**  
Prof. G. H. REILLY. S.B. from  
London.  
Local News.  
10.0. **VARIETY**  
S.B. from London.  
11.0. Close down.

**TUESDAY, Sept. 14th.**

- 3.0.—The Station Trio.  
4.15.—Ten-Time Music from the Car-  
lton Restaurant  
4.45.—"Public Opinion," by Miss  
Langford  
5.0.—Ten-Time Music from the Car-  
lton Restaurant  
5.15.—FOR THE CHILDREN

- 5.30.—Reading from Shakespeare by  
Mr. Richard Burton  
6.0. **Dance Music.**  
**THE LONDON RADIO  
DANCE BAND.**  
S.B. from London.  
7.0.—WEATHER FORECAST AND NEWS  
M. STEPHAN. S.B. from  
London.  
7.5. **CHOPIN** interpreted by  
EDWARD ISAACS. S.B.  
from London  
7.40. Mr. ALLEN S. WALKER.  
S.B. from London  
8.4. **PRE-WAR  
REMINISCENCES.**  
Relayed to "HULL,"  
Daverly.  
**THE STATION  
ORCHESTRA**  
Conductor  
WARWICK  
BRATHWAITE  
March, "Belshazzar in the  
Park".  
Two-step, "Whistling  
Rufus"  
8.0. **JOHN RORKE**  
(Entertainer)  
"Snooky Oukums"  
"Little Dolly Day"  
8.12. **THE ORCHESTRA.**  
Valas, "The Marriage  
Market"  
8.15. **JOHN RORKE and  
LILY IRENE**  
"Johnny Jones and His"  
"Tell Me, Pretty Maiden"  
8.2. **THE ORCHESTRA**  
Two-step, "M. M."  
8.25. **GRACE DANIELS**  
"Give Me a Little Gypsy  
Corner."  
"Our Lodger's Such a Nice  
Man"  
8.35. **THE ORCHESTRA.**  
Symphony, "Havana"  
8.4. **JOHN RORKE**  
"A Little Bit Off the Top."  
"Lily of Laguna"  
8.51. **THE ORCHESTRA**  
Two-step, "Ragtime  
Violin"  
8.54. **JOHN RORKE and  
LILY IRENE**  
"Teach Me How to Coo"  
("The Ball of New  
York")  
"Two Little Christmas"  
9.0. **THE ORCHESTRA.**  
Valas, "Gypsy"  
March, "The Merry"  
9.7. **GRACE DANIELS**  
"M. M."  
"Has Anybody Here Seen"  
"A. J. and the"  
9.17. **THE ORCHESTRA.**  
"Gypsy Echo"  
Coryll and Manckton

**Week Beginning  
September 12th.**

- 9.30.—WEATHER FORECAST AND NEWS.  
S.B. from London.  
10.0. **BARBARA FRIENDSHIP**  
(Solo Violin)  
"Chant du Meneste"  
("Im Walde Suite")  
RENEE SWEETLAND  
(Solo Pianoforte).  
Fantasia, E. Minor  
"Andante Cantabile"  
"Spiritual—Nobody Knows"  
RENEE SWEETLAND  
Valse, Op. 12, No. 2  
10.30. **DANCE MUSIC.**  
**KETTNER'S FIVE.**  
Directed by  
CHOPIN  
S.B. from London.  
12.0.—Close down.
- WEDNESDAY, Sept. 15th.**
- 11.30. I.O. R. C. BURGESS and  
ORCHESTRA  
Relayed from the  
Madras  
3.15. **H. C. BURGESS and  
ORCHESTRA**  
1.45. Afternoon Topics  
5.0. **Pianoforte Recital.**  
5.15.—FOR THE CHILDREN  
6.3.—"Gave Legs"  
6.15. **Light Music.**  
**ALEX FRYER'S ORCHESTRA**  
S.B. from London  
6.50. Royal Horticultural Society's  
Bulletin. S.B. from London.  
7.0.—WEATHER FORECAST AND NEWS.  
Relayed from the  
7.25. **CHOPIN** interpreted by  
EDWARD ISAACS. S.B.  
from London.  
7.35.—"Town Crying—the Earliest  
Form of Broadcasting." S.B.  
from London.  
8.0. **VARIETY**  
S.B. from London.  
8.30.—"THE BOHEMIAN GIRL."  
S.B. from London.  
9.30.—WEATHER FORECAST AND NEWS.  
Serial Story, "THE ULTIMATE  
ISLAND" (Concluded). S.B.  
from London.  
Local News  
10.0.—"THE BOHEMIAN GIRL"  
(Continued). S.B. from London.  
11.0. Close down.
- THURSDAY, Sept. 16th.**
- 12.30-1.30.—Lunch-time Music from  
the Carlton Restaurant.  
3.0. **THE STATION ORCHESTRA**  
Conductor  
WARWICK BRATHWAITE  
M. M. M. M.  
4.45. "Industry and Art—Wisdom  
from Poets and Poets"  
Mr. Isaac J. Williams, Keeper  
of Art, The National Museum  
of Wales.  
(Continued on the next page.)











**Week Beginning  
September 12th.**

7.0-12.0.—Programme Sib. from London.



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# NEWCASTLE PROGRAMMES.

Week Beginning  
September 12th.

## SUNDAY, Sept. 12th.

3.30-5.45.—Programme S.B. from London

8.15 Studio Service.  
The Station Choral Society Choir.  
Hymn: "Land Us, Heavenly  
Father Take Us" (A. and M.  
No. 281)  
Bible Reading  
The Odet: Anthem, "O Ye That  
Love the Lord"

Address by the  
Rev. C. G. GOODLET, M.A.  
of the College Road Presbyterian  
Church.

The Odet: Hymn, "Pleasant  
Are Thy Courts Above" (A. and M.  
No. 240)

Prayer  
The Odet: Vesper, "The Day  
Thou Gavest, Lord, is Ended"  
(A. and M. No. 477)

8.55.—The Week's Good Cause: The  
Hospital's Welfare Society  
Appeal by Sir GEORGE  
HUME. S.B. from London

9.0 WEATHER FORECAST AND NEWS.  
Local News

9.15 LIGHT ORCHESTRAL CONCERT.  
THE STATION ORCHESTRA  
(Conducted by EDWARD ISAACS)  
Marche Militaire ..... Schubert

9.20 NORA ALLISON (Soprano).  
"My Heart That Believed" (Bach)  
"The Jewel Song" ("Faust") (Gounod)

HUDSON BARNESLEY  
(Baritone).  
"My Hope" ..... Schubert  
"O Lord, Have Mercy" (Stradella)

9.40 THE ORCHESTRA.  
Three English Dances ..... Quilter

9.50 NORA ALLISON  
"Verdure Glad" ("The  
Hymn") ..... Haydn  
"Let the Bright Seraphim"  
("Samson") ..... Handel

10.0 THE ORCHESTRA  
"Prelude and Call" ("The  
Rise") ..... Norman D. ...  
And the Night Raven Sings  
Herbert Brown

10.10 HUDSON BARNESLEY  
"Blow, Blow, Thou Winter  
Wind" ..... Bartok  
"My Friend" ..... Beethoven

10.20 THE ORCHESTRA  
Symphony ..... Beethoven

10.35 HUDSON BARNESLEY  
"A Psalm of Life" ..... Lohengrin

10.35.—Close down.

## MONDAY, Sept. 13th.

4.0 Afternoon Topics.  
4.15 Music from Fenwick's Terrace  
Tea Rooms

5.15.—FOR THE CHILDREN.  
Light Music.  
ALEX FRYER'S ORCHESTRA  
(S.B. from London)

6.45 Music from Fenwick's Terrace  
Brigade, and Church Lady  
Brigade Band etc. S.B. from  
London

7.0.—WEATHER FORECAST AND NEWS.  
Mr. DESMOND MACCARTHY  
Literary Criticism. S.B. from  
London

7.25 CHOPIN interpreted by  
EDWARD ISAACS. S.B. from  
London

7.40.—Capt. T. B. STOKLEY, "Model  
Barways." S.B. from London

8.0. THE ROOSTERS  
CONCERT PARTY.  
ARTHUR MACKENZIE (Tenor).  
SEPTIMUS HUNTER

PERCY M. R. MAN  
(Pianist)  
WILLIAM MACK  
(Pianist and Entertainer)

GEORGE WESTERN  
(Pianist and Entertainer)  
In Selections from the  
"The Country Girl"

8.30. THE LONDON RADIO  
REPERTORY PLAYERS  
present  
"What He Won,"  
by  
W. H. Williams.

Mr. Guy Morley (as J. ...)  
HENRY OSCAR  
Mr. Arvon (as K. ... Gentleman who  
exudes wit)

GORDON M. I. ...  
Miss Fellenough NETTA W. ...  
A Servant WALTER V. THOMAS  
The scene is a comfortably fur-  
nished flat in which is enacted  
an amusing battle of wits be-  
tween a somewhat blithering  
on his own and a keen-witted  
journalist, to the decided advan-  
tage of the latter

8.45 JAMES GRIFFITHS (Cello).  
Largo and Allegro ..... Tartini  
Menuetto ..... Chopin  
Scherzo ..... Brahms  
Scherzo ..... Brahms

9.0. THE CONCERT PARTY  
In Further Selections  
from their Repertory

9.30. WEATHER FORECAST AND NEWS.  
Prof. C. H. REILLY, "Modern  
Architecture." S.B. from Lon-

Local News.

10.0. DANCE MUSIC.  
ROY BUSH'S  
ÆOLIAN BAND,  
relayed from the Oxford Galleries

11.0. Close down.

## TUESDAY, Sept. 14th.

11.30-12.30 K. H. ...  
Fred Franks (Violin) ...  
phone Records.

4.0.—Afternoon Topics

4.15.—Music from Fenwick's Terrace,  
Buckley Street

5.15.—FOR THE CHILDREN

6.0. DANCE MUSIC.  
THE LONDON RADIO  
DANCE BAND  
S.B. from London

7.0. WEATHER FORECAST AND NEWS.  
French Talk by M. STEPHAN,  
"Le Temps Qu'il Fait." S.B.  
from London

7.25.—CHOPIN interpreted by  
EDWARD ISAACS. S.B. from  
London

7.40.—Mr. ALLEN S. WALKER  
"Old St. Pancras Church"  
S.B. from London

THE LORD MAYOR'S Appeal  
for the Royal Victoria Infirmary  
and St. James's Hospital

8.0. MUSIC AND MONOLOGUES.  
THE STATION ORCHESTRA;  
Conducted by EDWARD ISAACS.  
March, "Vito" ...

8.10. GLYN EASTMAN (Baritone).  
"The Minstrel"  
"Thou Braggart Peace" (Schubert)  
"I'm a Roamer" (Mendelssohn)

8.2. ERIC BLISS (Monologues).  
"Orange Blossom" (Sax Rohmer)  
"The Piper" (Chas. H. Taylor)  
"I Forget" (Bert Lee)

8.30. THE ORCHESTRA  
Selection, "The Country Girl"  
Monk on

8.45. GLYN EASTMAN  
"Mapae" (Stanford)  
"Love's Quarrel" (Scott)  
"Bells from the Clearing"  
Walker

"We Swam Along" (Muller)

8.55. THE ORCHESTRA.  
F. ...

9.10. ERIC BLISS  
"The Pigeon of Li Yang Fu"  
Sax Rohmer

9.20. THE ORCHESTRA.  
"La Jota Aragonesa"  
Saint-Saens

9.30. WEATHER FORECAST AND  
NEWS.  
Series by THE ULTIMATE  
ISLAND Part 9. S.B.  
from London

9.40. Local News.

10.0. Newcastle Nights No. 5.  
"One Exciting Night"  
(Gordon Lee)

10.10. DANCE MUSIC.  
SEPTEN'S FIVE,  
Directed by  
GEORGE C. ...

S.B. from London

12.0. Close down

## WEDNESDAY, Sept. 15th.

4.0.—Afternoon Topics.  
4.15. Music from Fenwick's Ter-  
race Tea Rooms

5.15.—FOR THE CHILDREN.  
6.0. GERTRUDE JOHNSON  
(Soprano).  
"Del Vecchio Non Tardar"  
Mozart  
"Dove Sono" ...

6.15. ERITH PENNILL (Flute).  
"Linger"  
Improvisation ..... Andersen  
Papillon

6.30. GERTRUDE JOHNSON  
"Before Dawn" (A. Benjamin)  
"To One Who Passed Wandering  
Through the Night"  
Armstrong Gibbs

"In the Silent Moonbeams"  
(Glyn Eastman)

6.45. EDITH PENNILL  
Scene de Ballet ..... Benjamin  
"Saturne" ..... E. Gorman

6.50. Royal Horticultural Society's  
B. ...

7.0.—WEATHER FORECAST AND NEWS.  
Dialogue by "THE GENERAL"  
MEN IN A FLUSTER  
"Can Man Keep Pace with His  
Inventions?"

7.25. CHOPIN interpreted by  
EDWARD ISAACS. S.B. from  
London

7.35. "Down-Crying—the Earliest  
Form of Broadcasting." S.B.  
from London.

8.0.—VARIETY S.B. from London

8.30.—"THE BOHEMIAN GIRL"  
S.B. from London

8.40. WEATHER FORECAST AND  
NEWS.  
Story "THE ULTIMATE  
ISLAND" S.B.  
from London

10.0.—"THE BOHEMIAN GIRL"  
Continued. S.B. from London.

11.0. Close down

## THURSDAY, Sept. 16th.

4.0. Mr. T. Haam, "Long Bows Ro-  
lrawn"

4.15.—Music from Camm's New Gal-  
lery Restaurant

5.15.—FOR THE CHILDREN

6.0. DANCE MUSIC.  
THE LONDON RADIO  
DANCE BAND  
S.B. from London

6.35. Market Prices for Farmers  
S.B. from London

6.40.—Ministry of Agriculture's For-  
tunately Bulletin. S.B. from  
London

7.0.—WEATHER FORECAST AND NEWS.  
Mr. H. JEANS (as ...)  
Reuter's ...  
lected and Distributed S.B.  
from London

7.25. CHOPIN interpreted by  
EDWARD ISAACS. S.B. from  
London

7.40. Music from Fenwick's Terrace,  
Buckley Street. S.B. from  
London

8.0. Instrumental.  
CECIL BAUMER  
(Pianoforte)  
Nocturne in F Major  
Major  
Prelude in F Major  
Scherzo in B Flat Major

8.15. THE STATION  
ORCHESTRA  
Conductor, EDWARD CLARK.  
Suite, "Gavotte" ..... Rossini

8.30. CECIL BAUMER.  
"Novelllette in E Major"  
S. ...

"Danse des Nocturnes" ..... Beethoven  
Night in May ..... Palmgren  
"The ..."  
"Olive Study" ..... ...

8.45. OPERA.  
THE ORCHESTRA  
Overture, "The Caliph of Bag-  
dad" ..... Boieldieu

8.55. HILDA VINCENT  
(Soprano).  
"Mimi's Song" ..... Puccini  
"Dell's Song" ..... Offenbach

9.0. THE ORCHESTRA  
Fantasy on Works of ...

9.15. HILDA VINCENT  
"Porgi Amor" ..... ...  
"Cari ..."

9.25. THE ORCHESTRA  
March, "The Bartered Bride"  
S. ...

9.30. WEATHER FORECAST AND  
NEWS.  
Mr. REID MOIR, "The Homing  
Pigeon in ..."  
S.B. from London

9.40. Local News

(Continued on the next page.)



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# NEWCASTLE PROGRAMMES.

(Continued from the previous page.)

Week Beginning  
September 12th.

10.0 FLORENCE HOLDING (Soprano) and HARRY BOLLO-WAY (Violin). S.B. from London.

10.30. DANCE MUSIC.  
THE SAVOY BANDS  
S.B. from London.

12.0.—Close down.

## FRIDAY, Sept. 17th.

4.0.—Afternoon Topics.

4.15. Music from Tilley's Restaurant, Mackintosh Street.

5.15.—FOR THE CHILDREN

6.0. LOUIE BROOK and  
MADGE CLARK (Duets).

"It Is the Merry Month of May"  
("Merrie England") E. ...  
"Arise, O Sun" Maude G. Day

6.10. JOSEPH YOUNG (Violin)  
Scherzo Tarantella ... Wernicke

6.20. MARY HANNEY (Klatchantist).  
"Our Baby" ...  
"The W. ..."  
"Daydreams" ...

6.30. LOUIE BROOK and  
MADGE CLARK.  
"At Love's Beginning" Lehmann  
"The Spider and the Fly" ...  
Seymour Smith

6.40. JOSEPH YOUNG  
"Heye Kati" ... Hubay

6.50. MARY HANNEY  
"Papa's Letter" ... Anor  
"Description of Seamen's ..."  
Byron  
"A Fugitive Slave" ... Bruns

7.0. WEATHER FORECAST AND NEWS  
Mr. PERCY SCHOLLES: Music  
Chloe. S.B. from London

7.15. CHOPIN interpreted by  
EDWARD ISAAC S.B. from  
London

7.40. Mr. E. LEBRETON MARTIN  
Tobacco and Literature  
S.B. from London

8.0.—Programme S.B. from London

10.30. WEATHER FORECAST AND NEWS  
Dr. WILLWAY "The Life of a  
Fisherman." S.B. from London  
Local News.

10.0. VARIETY S.B. from London

11.0 Close down.

## SATURDAY, Sept. 18th.

11.30-12.30. Jennie Irvin (Soprano)  
The Forster Month Organ Trio  
Gramophone Records

4.0. Miss Agnes Strong, "Surrey, the  
Poet"

4.15.—Music from Coxon's New  
Gaiety Restaurant.

5.15. FOR THE CHILDREN

6.0. DANCE MUSIC.  
THE LONDON RADIO  
DANCE BAND  
Relayed from London

7.0. WEATHER FORECAST AND NEWS  
Mr. C. A. LEWIS, "Sidekick in on  
Lark" S.B. from London

7.25. CHOPIN interpreted by  
EDWARD ISAAC S.B. from  
London

7.40. Mr. JOHN KENNIR, "Aussie  
music" ...

## LIGHT MUSIC AND HUMOUR.

THE STATION ORCHESTRA  
Conductor: EDWARD CLARK  
Three Dances from ...  
E. ...

8.5. F. KEMP JORDAN (Baritone)  
"The Cellar" ...  
"The Hour of Rest" ...  
John and Jerry and M. ...

8.25. THE ORCHESTRA  
Waltz, "Amor" ...

8.35. HERBERT LEeming  
Entertainer.  
Musical Sketch, "The Christen-  
ing" ... Clifford Grey

8.45. THE ORCHESTRA  
Entrée de la Gavotte "Couten"  
Chanson de Pierrot "Drye"

9.0. F. KEMP JORDAN  
"The Wind on the Heath" ...  
"The Hour of Rest" ...

9.10. HERBERT LEeming  
Lament Recital, "The Brave Old  
Duke of York" Graham Squires  
M. ...

9.20. THE ORCHESTRA  
Overture "Marco Spada" ...

9.30. WEATHER FORECAST AND NEWS  
Sports Talk. S.B. from London  
Local News.

## DANCE MUSIC.

TILLEY'S DANCE BAND  
relayed from the  
Grand Assembly Rooms

10.0. THE SAVOY BANDS.  
S.B. from London.

12.0.—Close down.

## NEWCASTLE NEWS.

### Another Newcastle Night.

ONE EXCITING NIGHT" is the title of the story which will mark the fifth of the Newcastle Nights, on Tuesday. This is the story of a midnight promenade, and listeners will hear of the Maharajah of Tuwana's amends which are lost, but restored by little Mr. Puppets. Newcastle Nights are certain nights on which mysterious tales concerning Newcastle and the district are told by Mr. Gordon Lee, and most of these stories are based on true happenings.

### Gertrude Johnson.

Miss Gertrude Johnson (soprano), who broadcasts from Newcastle on Wednesday night, was born in Hawkeburn, Melbourne, Australia, the same city as Meib. She made her first appearance at the age of six, singing to an audience of 2,000 in the Melbourne Town Hall. When only seventeen, she was engaged to sing Oilda in "Rigoletto," Violetta in "Traviata" and Nedda in "Pagliacci," with a company which was formed to tour New South Wales and Queensland, after which tour, she sang for a season in Melbourne and then in New Zealand. On her way to New Zealand, she was engaged to sing coloratura roles with the British National Opera Company in its very early days, and was in the cast of the first opera to be broadcast in Britain, singing Queen of the Night in "The Magic Flute."

On the same night, "The Gentleman in a Fluster" will again be heard in an interesting debate on "Can Man Keep Pace with His Inventions?"

6FL  
306 M.

# SHEFFIELD PROGRAMMES.

Week Beginning  
September 12th.

## SUNDAY, September 12th.

3.3-5.45. Programme S.B. from  
London.

## MONDAY, September 13th.

11.40-12.30. Gramophone Records  
(Vocal and Instrumental)

4.0. Afternoon Topics

4.15. Music from the Grand Hotel  
relayed from the Grand Hotel

5.15. FOR THE CHILDREN

6.0. Musical Interlude

6.30. 12.0. Programme S.B. from  
London

## TUESDAY, September 14th.

4.0. Afternoon Topics

4.15. Ten times Music Bernard Har-  
rison's Orchestra from Walsh's  
Restaurant

5.15. FOR THE CHILDREN

6.0. Musical Interlude

6.30. 12.0. Programme S.B. from  
London

## WEDNESDAY, September 15th.

11.30-12.30.—Gramophone Lecture by  
Moses Bariz

4.0.—Afternoon Topics

4.15.—Orchestra relayed from the Cafe  
of Messrs. T. and J. Roberts.

5.15. FOR THE CHILDREN

6.0. Musical Interlude

6.30.—Programme S.B. from London.

6.50. Royal Horticultural Society's  
Ballad

7.0. Programme S.B. from London.

7.40. Musical Interlude.

8.0. "Tennis Talk" (3), by Major  
E. A. GREIG (the well-known  
Lawn Tennis Coach, who is at  
present giving instruction in the  
public parks and private clubs  
of Sheffield).

8.10.11.0.—Programme S.B. from  
London

## THURSDAY, September 16th.

4.0.—Afternoon Topics

4.15.—Orchestra relayed from the  
A. J. ...

5.15. FOR THE CHILDREN

6.0. Musical Interlude

6.30.—Programme S.B. from London.

7.40. Mr. ERIC N. SIMONS,  
"Rambles Round a Library—A  
Duet with Chorus" (Conan  
Doyle; "At Villa Ruheim"  
(John Galsworthy)

8.0. LEONARD ROBERTS  
(Baritone).

"The Wandell" ...  
"Drink to Me Only" ...  
"Because of You" ...

8.11. DAVID MILNER (Banjo)  
"Valse Joyeuse" ...  
"Coon Town Jubilee" ...  
"In Honeyland" ...

8.22. VINCENT ARTHUR  
(Entertainer)

8.30. "A Trip to Ascut" ...  
Original

In this item two Verses and  
Chorus of "Never As Long as  
I Live" are used

8.40. "I'm a Business Man" ...  
"The Hour of Rest" ...

8.50. LEONARD ROBERTS and  
DAVID MILNER  
Songs of ...  
Musical ...

"Ma Coal Black Lady" ...  
"Believe Me, If All These En-  
deavour Young Charms" ...  
"Parted" ...  
"How the Other Half Live" ...  
A Play of Modern Life  
by  
Sydney Sped

9.0. "How the Other Half Live" ...  
A Play of Modern Life  
by  
Sydney Sped

"I'm a Business Man" ...  
"The Hour of Rest" ...

8.30. LEONARD ROBERTS and  
DAVID MILNER  
Songs of ...  
Musical ...

"Ma Coal Black Lady" ...  
"Believe Me, If All These En-  
deavour Young Charms" ...  
"Parted" ...  
"How the Other Half Live" ...  
A Play of Modern Life  
by  
Sydney Sped

8.40. DAVID MILNER  
"Believe Me, If All These En-  
deavour Young Charms" ...  
"Parted" ...  
"How the Other Half Live" ...  
A Play of Modern Life  
by  
Sydney Sped

8.50. LEONARD ROBERTS and  
DAVID MILNER  
Songs of ...  
Musical ...

"Ma Coal Black Lady" ...  
"Believe Me, If All These En-  
deavour Young Charms" ...  
"Parted" ...  
"How the Other Half Live" ...  
A Play of Modern Life  
by  
Sydney Sped

9.0. "How the Other Half Live" ...  
A Play of Modern Life  
by  
Sydney Sped

9.10. DAVID MILNER  
"Believe Me, If All These En-  
deavour Young Charms" ...  
"Parted" ...  
"How the Other Half Live" ...  
A Play of Modern Life  
by  
Sydney Sped

9.20. LEONARD ROBERTS  
"The Lazy Shepherd" ...  
"Little Miss-Over-the-Way" ...  
"The Cud" ...  
"How the Other Half Live" ...  
A Play of Modern Life  
by  
Sydney Sped

9.30. 12.0. Programme S.B. from  
London.

## FRIDAY, September 17th.

11.30-12.30.—Gramophone Records  
Dance Music.

1.35. A Talk introductory to the  
School Concert on September  
22nd, by Mr. G. E. Linfoot,  
Mus. Bacc., B.Sc.

4.0. Musical Interlude

4.15. Bernard Har-  
rison's Orchestra from Walsh's  
Restaurant

5.15. FOR THE CHILDREN

6.0. Musical Interlude

6.30. 11.0. Programme S.B. from  
London.

## SATURDAY, September 18th.

4.15. Training Master Orchestra  
relayed from the Cafe of  
Messrs. T. and J. Roberts

5.15. FOR THE CHILDREN

6.0. Musical Interlude

6.30. THE LONDON RADIO DANCE  
BAND

7.0. Programme S.B. from  
London

7.40.—The Harvest of a Quiet Eye"  
by PETER RUSSELL

8.0. 12.0.—Programme S.B. from  
London.







55C  
422 M.

## GLASGOW PROGRAMMES.

(Continued from the previous page.)

Week Beginning  
September 12th.

- 8.10. THE LONDON RADIO REPERTORY LAYERS  
"Grey Ash."  
A One-Act Play by  
Leonora Thornton  
(Characters)  
Renee (Wife of Sigurd Nuala)  
PHYLLIS PANTING  
Anna Her Maid  
EDGY ROBIN SMYTH  
Sir John Ferguson (a Noted Abolitionist), PERCY RHODES  
Sigurd Nuala, a Famous Violinist,  
HENRY OSCAR  
The scene is a comfortably furnished drawing room of a remote Downland cottage, about four o'clock on a mid-winter afternoon. From an overhead room comes the sound of a violin player, practising exercises and melodies alternately. In this setting is unfolded a weird legend connected with the old vision and the strange and thrilling fulfillment of the story in modern days.
- 9.0. "RIKI DE JOHANSON"  
Before Dawn "Arthur Benjamin"  
"Sea Lullaby" "Robert Eden"  
"The Nightwind" "Rowland Parry"  
9.15. LOTH PENVILLE  
"Requiem Mass" "Dorothy"  
"Requiem Mass" "Dorothy"  
9.30. WEATHER FORECAST AND NEWS.  
Dr. WILLWAY "The Life of a Fisherman." S.B. from London.  
10.0.—VARIETY S.B. from London.  
11.0. Close down.

## SATURDAY, Sept. 18th.

- 4.0. In the Pacific  
THE WIRELESS QUARTET  
Dulce "From the Solomon Isles"  
"By the Coral Reef and Shady Palm"  
"Savannah Love Song"  
Pestal Song  
Later on...  
Star of the...  
I Dream of a Garden of Sunshine  
"Cyprian Night Song"  
"When Spring Comes to the Islands"  
THE QUARTET  
Concert Value "Where the Citrons Bloom"  
Faded...  
Hawaiian Serenade...  
SAMUEL FLEMING  
Hawaiian Songs  
"Sweet..."  
"Al..."  
H.M. Queen...  
5.0.—Afternoon Topics  
5.15.—FOR THE CHILDREN  
6.0. Weather Forecast for Farmers.  
6.15. THE LONDON RADIO DANCE BAND  
Relayed from London.

- 7.0.—WEATHER FORECAST AND NEWS  
Mr. C. A. LEWIS, "Sidelights on Peking." S.B. from London.  
7.15. CHOPIN Interpreted by EDWARD ISAACS, S.B. from London.  
8.0. Scottish Looche Series (Lanark) Rerewelcome by Mr. FRED. ERICK MORT, M.A., F.R.S.E.  
Pianoforte Recital  
by  
CECIL BAUMER  
Studies, Nos. 1 Op. 25  
and Op. 25  
Valses in F Sharp Major  
Ballade in A Flat Major  
Trio in C Major  
Valses in E Flat Major  
Improvisations, No. 2...  
Study, "Mignonne"  
Percy Pitt  
Kriegel...  
Dance Music.  
LAN SYMBER  
and the  
STATION ORCHESTRA  
In a Selection from the Latest Dances and Vocal Numbers.  
9.30.—WEATHER FORECAST AND NEWS  
Mr. A. J. BAKER, "The Evening"  
Local News.  
10.0.—VARIETY S.B. from London.  
10.30. DANCE MUSIC.  
THE SAVOY BANDS  
S.B. from London.  
12.0. Close down.

## GLASGOW NEWS.

## Two Concerts by the Station Orchestra.

ON Sunday afternoon a symphony concert will be given by the Station Symphony Orchestra. One of the pieces to be played is Handel's Water Music. In the original, there are 21 movements, and Sir Hamilton Harty, the distinguished conductor of the Halls Orchestra, has selected six of the most attractive for the present arrangement. Elgar's Variations for Orchestra, Enigma, is well named. The composer tells us that "another and larger" theme, which is never heard, "goes with" the theme that is heard.

## "The Bartered Bride."

On Thursday the Station Symphony Orchestra, conducted by Mr. Herbert A. Baker, will play as an opening to the "Instrumental Concert" the Overture to Smetana's opera, The Bartered Bride, one of the most beautiful of modern compositions. The music of The Bartered Bride is characteristic and original throughout, but the song and "Comedy" was widely known in 1895. The first presentation at Covent Garden in 1895.

## Themes from Mozart.

Tchaikovsky's orchestra suites are among his most popular works, and in them his masterly orchestration appears very clearly. The Fourth Suite, Mozartiana, to be played by the Symphony Orchestra, is constructed upon themes from Mozart's works, and is scored for a small orchestra.

The Concert will conclude with the Overture to The Merry Wives of Windsor.

2EH  
328 M.

## EDINBURGH PROGRAMMES.

Week Beginning  
September 12th.

- SUNDAY, September 12th.  
3.30-5.45 (approx.) Programme S.B. from London.  
6.15. Halls of St. Catharine's.  
6.30-8.0. Evening Service  
relayed from  
St. Catharine's Parish Church.  
Preacher  
The Rev. E. C. MOLLSTON, B.D.,  
of St. Serf's Parish Church,  
Cuplin to His Grace The  
Lord High Commissioner.  
8.55-10.35.—Programme S.B. from London.  
MONDAY, September 13th.  
11.30-1.30. Gramophone Records.  
3.0. The Station Piano-forte Quartet.  
4.0. Afternoon Talk.  
4.15. Patrick Thomson's Orchestra.  
5.15. FOR THE CHILDREN  
6.0. Musical Interlude and Miss Betty Gould (Soprano).  
6.30.—Programme S.B. from London.  
7.40.—Mr. H. MORTIMER BATTEN, F.R.S.  
Rock—the Name of the Garden.  
8.0-11.0.—Programme S.B. from London.  
TUESDAY, September 14th.  
3.0.—The Station Piano-forte Quartet.  
4.0. Afternoon Talk.  
4.15. Dance Music.  
LEON WHITING and his  
MIAMI DANCE BAND  
from the Dundee Palace de  
Dance.

- 6.15. FOR THE CHILDREN  
6.0. Musical Interlude.  
6.30. Programme S.B. from London.  
8.0. A PROGRAMME OF  
"STING ENSEMBLE"  
under Leadership of  
WALDO CHANNON  
Petite Suite de Concert  
8.15. VIDA VALLANCE  
"Down the Vale"  
There's a Little...  
M. L. S. S.  
8.25. WALDO CHANNON  
Solo Violon  
Londonderry Air  
Serenade...  
"Le Cygne"  
"Sala d'Amour"  
8.35. BERNARD SILVERSTON  
Baritone  
In Selections from his Repertoire.  
8.45. STRING ENSEMBLE  
Gavotte...  
Harcourts...  
To a Wild Rose...  
Two Spanish Dances...  
VIDA VALLANCE  
Down in the Forest...  
Where My Caravan Has  
Rested...  
My Ain Folk...  
9.10. WALDO CHANNON  
Liebestraut...  
9.20. BERNARD SILVERSTON  
In further Selections.

- 9.30-12.0. Programme S.B. from London.  
WEDNESDAY, September 15th.  
3.30. Schools' Transmission: Madeleine Ida Parat, French.  
4.0. A. F. de la Fuente...  
4.15. Patrick Thomson's Orchestra.  
5.15. FOR THE CHILDREN  
6.0. Musical Interlude  
6.30.—Programme S.B. from London.  
6.40. Bulletin of Young People's Organizations.  
6.50. Mr. J. S. Chisholm; Horticultural Bulletin.  
7.0-11.0. Programme S.B. from London.  
THURSDAY, September 16th.  
11.30-12.30. Gramophone Records.  
3.0.—The Station Piano-forte Quartet.  
4.0. Afternoon Talk.  
4.15.—Patrick Thomson's Orchestra.  
5.15.—FOR THE CHILDREN  
6.0. Musical Interlude  
6.35.—Programme S.B. from London.  
7.40.—Mr. PERCY GORDON  
This Evening's Programme  
S.B. from Glasgow.  
8.0.—Programme S.B. from Glasgow.  
9.30.—Programme S.B. from London.  
10.30-12.0. DANCE MUSIC.  
JEFFRIES and his RIALTO ORCHESTRA  
From the Marine Gardens, Portofino.  
FRIDAY, September 17th.  
3.30. Schools' Transmission: Mr. John Lang—"Masters of Scotland"—(1) The Romans.

- 4.0.—Afternoon Talk.  
4.15. The Station Piano-forte Quartet.  
5.15. FOR THE CHILDREN  
6.0. Musical Interlude  
6.30-11.0. Programme S.B. from London.  
SATURDAY, September 18th.  
5.0. Dance Music.  
The Band of the Palace de Danse.  
4.0.—Mr. William Gow M.A., "The Reel"  
4.15. Dance Music (Continued).  
5.15.—FOR THE CHILDREN  
6.0.—Musical Interlude  
6.30. Dance Music.  
THE LONDON RADIO DANCE BAND  
Relayed from London.  
7.0-12.0.—Programme S.B. from London.

## EDINBURGH NEWS.

THE program on Tuesday will be made up entirely of compositions which have been in their time widely popular among all classes. Miss Vida Vallance, whose microphone performances are always welcome in Edinburgh, will sing, and Mr. Waldo Channon will play violin solos of a popular nature. He will also lead a String Ensemble in the performance of other well-known favourites. On the same occasion, Mr. Bernard Silverston (baritone) is making his first appearance in our evening programmes, and will contribute two groups of popular songs.







**Week Beginning  
September 12th.**

U.S.S.R. Programme 3.11. from London.



2BE  
440 M.

**SUNDAY, Sept. 12th.**

- 3.30-5.15 Programme S.B. from London  
8.0. ST MARTIN IN THE FIELDS.  
S.B. from London  
8.55 The Waverley Concert. The  
Lost and Found. Soloist: Al  
Pearl by Sir GEORGE HUMPHREY.  
S.B. from London  
9.0. WEATHER FORECAST AND NEWS  
Local News  
9.5. Programme S.B. from London  
10.3. REPEX. Close down.

**MONDAY, Sept. 13th.**

- 4.15.—Afternoon Topics. Mrs. Liebert.  
Ar. and (Radio) (2) Bata  
4.45. The Waverley Concert  
5.0. FOR THE CHILDREN  
6.0. Light Music.  
ALEX. FRYER'S ORCHESTRA  
S.B. from London  
7.0. WEATHER FORECAST AND NEWS  
Mr. J. H. BOSTON. S.B. from  
London  
7.25. CHOPIN interpreted by ED  
WARD ISAACS. S.B. from  
London  
7.40. ESTABLISHED. Music  
8.0. Orchestral and Vocal.  
THE ORCHESTRA  
S.B. from London  
8.15. DOROTHY RODGERS.  
Overture. "The Merry Dances"  
8.25. LINDA SLYMOUR  
S.B. from London  
8.40. "A Ragged Man"  
Overture. "The Merry Dances"  
8.55. "When All Was Young" (C. Faust)  
S.B. from London  
9.0. "Morning Hymn"  
9.15. THE ORCHESTRA  
S.B. from London  
9.30. "Bargain"  
9.45. LINDA SLYMOUR  
S.B. from London  
10.0. "Bubble Song"  
10.15. "Sing Break Into Song"  
10.30. "The House of Joy"  
10.40. THE BELFAST RADIO  
PLAYERS  
S.B. from London  
10.55. "The Rising of the Moon"  
by  
Lady Gergory  
Presented by  
H. RICHARD HAYWARD.

- A Ragged Man  
H. RICHARD HAYWARD  
A Police Sergeant  
JAMES STEWART  
Policeman B. JACK GAVIN  
Policeman X. J. R. MAGEEAN  
Imagine the quay of a small  
harbour in Ireland. There are  
barrels, fish-boxes and odd  
things lying about. The two  
young policemen carry brushes  
and a pot of paint and the  
sergeant directs them in sticking  
the posters that he carries. It  
is very still. The moon makes  
pale lights and deep eerie  
shadows.  
9.0. THE ORCHESTRA  
Selection, "Tain Jones" German  
Suite, "La Fera"  
9.30. WEATHER FORECAST AND NEWS  
Prof. C. H. REILLY, Music  
Architecture. S.B. from London.  
Local News  
10.1. VARIETY S.B. from London.  
11.0. Close down.

**BELFAST PROGRAMMES.**

**TUESDAY, Sept. 14th.**

- 4.15.—Afternoon Topics: Mr. James  
Stewart: Prose Reading  
4.30. The Waverley Concert  
5.30. FOR THE CHILDREN  
6.0. Dance Music.  
THE LONDON RADIO DANTEL  
BAND  
S.B. from London  
7.0.—WEATHER FORECAST AND NEWS  
Talk by M. STEPHAN  
"Le Temps Qu'il Fait" S.B.  
from London  
7.25. CHOPIN interpreted by  
EDWARD ISAACS. S.B. from  
London  
7.40. Mr. ALLEN S. WALKER  
S.B. from London  
8.0. THE ORCHESTRA  
conducted by  
E. GOLDFREY BROWN  
Overture, "The Yeomen of the  
Guard"  
8.8. WILLIAM MACREARY  
Reminiscences of the Stage.  
8.13. THE ORCHESTRA  
State Looking Backwards"  
8.25. MAUDE HUNTER  
Mozart Sonata  
"The Promise of Life"  
"All Souls' Day"  
"The Merry Dances"  
8.45. SAM LIGHTTON  
Reminiscences of Belfast  
9.0. THE ORCHESTRA  
Selection, "The Merry Dances"  
9.15. MAUDE HUNTER  
Let Me Dream Again"  
Rory Darrin"  
She Wandered Down the Mountain  
Side"  
9.25. THE ORCHESTRA  
March, "The Boys of the Old  
Fingide"  
9.30. WEATHER FORECAST AND NEWS  
THE ULTIMATE  
ISLAND Part 4. S.B. from  
London  
Local News  
9.50.—GEOFFREY GWYTHYR and  
M. J. L. CONSTANTIN  
S.B. from London  
10.30. DANCE MUSIC.  
KETTIN BRYAN  
Directed by  
GEOFFREY GWYTHYR.  
S.B. from London.  
10.50.—Close down.

**WEDNESDAY, Sept. 15th.**

- 4.15.—Travel Talk  
4.30. Half-an-Hour of Gaiety.  
THE STATION ORCHESTRA  
Overture, "Merris"  
Selection, "Recollect one of  
Gaiety"  
Selection, "The Lemon and the Raisin"  
5.0. JOHN S. MOORE Baritone  
"Farewell"  
"Kitty, My Love, Will You Marry  
Me?"  
"Love is a Dandelion"  
"It's a Beautiful Day"  
6.15. J. B. BATES (Baritone)  
with ORCHESTRA  
"Lucy Long"

- 5.20. THE ORCHESTRA.  
Suite, "Four Fancies"  
5.30. FOR THE CHILDREN  
6.0. Light Music.  
ALEX. FRYER'S ORCHESTRA.  
S.B. from London  
6.50.—Royal Horticultural Society's  
Bulletin. S.B. from London.  
7.0. WEATHER FORECAST AND NEWS  
Mr. J. H. BOSTON. S.B.  
from London  
7.25. CHOPIN interpreted by ED  
WARD ISAACS. S.B. from  
London  
7.30. Town Crying—The Earliest  
Form of Broadcasting S.B.  
from London  
8.0. VARIETY S.B. from London.  
8.30.—"THE BOHEMIAN GIRL"  
S.B. from London  
9.30.—WEATHER FORECAST AND NEWS  
THE ULTIMATE  
ISLAND Part 5. S.B.  
from London  
Local News  
10.0. "THE BOHEMIAN GIRL"  
(Continued). S.B. from London  
11.0. Close down.

**THURSDAY, Sept. 16th.**

- 4.15.—Afternoon Topics: Mr. Peter  
Temple, Temporary Com  
poser—(1) Frederick Delius.  
4.30. THE STATION ORCHESTRA  
Under the Direction of  
H. J. BOSTON  
Relayed from the Carlton Caf  
Fest, "I am Kneeling in  
Dulness"  
Vase, "When Love Comes Stoni  
ng"  
Fox trot, "Pearl of Malabar"  
Selection, "Popular Songs by S. J.  
van"  
Entrate, "Three Four"  
In the Studio.  
GORDON M. LEOD  
(Verse Speaking)  
THE ORCHESTRA  
Valse, "Bygone Melody"  
5.30. FOR THE CHILDREN  
6.0. Dance Music.  
THE LONDON RADIO  
DANCE BAND  
S.B. from London.  
6.35.—Programme S.B. from London  
7.0. WEATHER FORECAST AND NEWS  
Mr. H. JEANS (Chief Editor of  
Reuter's): "How News is Col  
lected and Distributed." S.B.  
from London.  
7.25.—CHOPIN interpreted by  
EDWARD ISAACS. S.B. from  
London.  
7.40. Musical Interlude. S.B. from  
London  
8.0. FEMINA.  
THE ORCHESTRA  
Conducted by  
Madame DRINKWATER  
Selection, "In a Persian Garden"  
8.15. DOROTHY RODGERS  
(Contralto)  
"When the Swallows Return"  
Fly, "Maudie Valse"  
Happy Song, "Teresa del Biego"  
Mendelssohn, "The Wood"  
8.27. THE ORCHESTRA.  
Suite, "A Lover in Durance"  
8.35. MARJORIE BROWN (Cello).  
"Hebridean Suite"  
8.50. THE BELFAST RADIO  
PLAYERS  
presented  
"Catherine Parr"  
or  
"At Xander's House"  
by  
Muriel Baring.  
9.0. K. og Henry VII  
GORDON M. LEOD  
Scene: London—a breakfast  
room in the Palace—a sunny  
room with panelled walls and a  
large bookcase. King Henry  
VIII and Catherine Parr are  
seated at the breakfast table.  
The King has just  
received a message.  
9.10. THE ORCHESTRA.  
Strong Suite  
Marjorie Kennedy Fraser  
9.20. DOROTHY RODGERS.  
The Cry of Rachel"  
May Turner Solter  
In Happy Mood"  
THE ORCHESTRA  
"Three Old English Dances"  
Laura Leman  
9.30. WEATHER FORECAST AND NEWS  
Mr. REID MOIR. The History of  
Problem in Prehistoric Days.  
S.B. from London.  
Local News  
9.50.—FLORENCE HOLDING  
(Soprano) and HARRY  
SGLOWAY (Violin) S.B.  
from London.  
10.30. DANCE MUSIC.  
THE SAVOY BANDS.  
S.B. from London.  
11.0. Close down.

**Week Beginning  
September 12th.**

- 8.27. THE ORCHESTRA.  
Suite, "A Lover in Durance"  
8.35. MARJORIE BROWN (Cello).  
"Hebridean Suite"  
8.50. THE BELFAST RADIO  
PLAYERS  
presented  
"Catherine Parr"  
or  
"At Xander's House"  
by  
Muriel Baring.  
9.0. K. og Henry VII  
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Scene: London—a breakfast  
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Marjorie Kennedy Fraser  
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The Cry of Rachel"  
May Turner Solter  
In Happy Mood"  
THE ORCHESTRA  
"Three Old English Dances"  
Laura Leman  
9.30. WEATHER FORECAST AND NEWS  
Mr. REID MOIR. The History of  
Problem in Prehistoric Days.  
S.B. from London.  
Local News  
9.50.—FLORENCE HOLDING  
(Soprano) and HARRY  
SGLOWAY (Violin) S.B.  
from London.  
10.30. DANCE MUSIC.  
THE SAVOY BANDS.  
S.B. from London.  
11.0. Close down.

**FRIDAY, Sept. 17th.**

- 4.15.—Afternoon Topics: Mrs. Greaves,  
Voicings for Girls—(3) Play  
Centre Work.  
4.30. Frivolity.  
THE STATION ORCHESTRA  
Suite, "A Coon's Day Out"  
Descriptive Piece, "A Motor  
Ride"  
4.48. RABBY DERRING MARLIN  
(Tenor)  
A Romantic Interlude  
"Serenade"  
"Come In to the Garden, Maud"  
"Ah, Moments of My Delight"  
5.0. THE ORCHESTRA  
Selection, "A Musical"  
5.11. JAMES KAY (Soprano)  
"The Canary"  
5.17. THE ORCHESTRA.  
Novel, "The Trombone's  
Dilemma"  
(Continued on the next page.)



2BE  
440 M.

# BELFAST PROGRAMMES.

(Continued from the previous page.)

Week Beginning  
September 12th.

- A sleepy trombone-player, hearing the Orchestra start without him, makes valiant but vain attempts to discover his part and join in with the others.
- "Raggy Times" ("Ragtime Interlude")
- Scherzo, "The Jolly Musician"
- 7.30.—FOR THE CHILDREN
- 8.0.—Orchestral Music.  
FRANK WESTFIELD'S  
ORCHESTRA  
S.B. from London
- 7.0.—WEATHER FORECAST AND NEWS  
Mr. P. H. Y. BULLOCK, M.A.  
Critic. S.B. from London
- 7.25.—CHOPIN interpreted by  
EDWARD ISAACS S.B.  
from London
- 7.40.—Mr. E. LE BRETON MARTIN  
"Tobacco and Literature"  
S.B. from London
- 8.0.—Programme S.B. from London
- 9.30.—WEATHER FORECAST AND NEWS  
OF WILLWAY, S.B. from  
London.
- Local News
- 10.0.—VARIETY. S.B. from London
- 11.0.—Close down.

SATURDAY, Sept. 18th.

1.15.—Afternoon Topics.

1.30.—The East.

THE STATION ORCHESTRA  
Suite, "Three Eastern Dances"  
Oriental Tune 1  
of the Muzak  
Oriental Suite "Caravan" from

4.55.—JAMES MEATER  
(Baritone)

"The Dainty Lover"  
"O, Parnassus is a Fiery Mount"  
"When Song is Sweet"  
"The Bunches" S.B. from London

6.5.—Dance Music  
THE DANCE BAND

Fox-trot, "Horse" S.B. from London  
Fox-trot, "Buy Bananas" S.B. from London  
One-stop, "Lucky" S.B. from London  
Waltz, "Meet Me At Twilight" S.B. from London

Fox-trot, "Night" S.B. from London  
Fox-trot, "That Certain Party" S.B. from London  
Our ship, "Savilla" S.B. from London

6.30.—FOR THE CHILDREN.

8.0.—Dance Music.  
THE LONDON RADIO DANCE  
BAND

Relayed from London.

7.0.—WEATHER FORECAST AND NEWS  
Mr. C. A. LEWIS, "Sunderland"  
Pekin. S.B. from London

7.25.—HOPIN interpreted by  
EDWARD ISAACS S.B.  
from London

7.40.—SIR WILLIAM DRAGG S.B.  
from London

4.1.—MILITARY BAND NIGHT.  
THE BAND OF THE 1st BATTAL  
HIGHLAND LIGHT INFANTRY  
(City of Glasgow Regiment)  
By kind permission of Lieut.-Col.  
T. A. POLLOCK MORRIS  
O.B.E., and Officers  
Bandmaster H. G. JARMAN

Overture, "Marschmusik" S.B. from London  
Scherzo, "The Bunches" S.B. from London  
Folk Song, "Sunderland" S.B. from London

4.2.—GLYN EASTMAN (Baritone).  
The "Sunderland" S.B. from London

"I'm a Rover" S.B. from London  
THE BAND

8.30.—The Band  
The "Sunderland" S.B. from London  
Clara, S.B. from London

8.41.—GLYN EASTMAN  
"Old Clothes and Fine Clothes"  
Martin Shaw

The Bell of San Martin

"At Grendon Fair" S.B. from London

4.40.—THE BAND  
Fox-trot, "Is That So?" S.B. from London  
Yalse, "The Student Prince" S.B. from London

4.58.—GLYN EASTMAN  
"Gwyneth and the House of the Sun"  
Head

When the Sergeant-Major's on Parade" S.B. from London

8.—THE BAND  
Scherzo, "Betty in Mayfair" S.B. from London

Patrol, "Jungle Drums" S.B. from London

9.30.—WEATHER FORECAST AND NEWS.  
Sports Talk S.B. from London.  
Local News

10.0.—VARIETY S.B. from London.

10.30.—DANCE MUSIC.  
THE SAVOY BANDS.  
S.B. from London

11.0.—Close down

5NG  
326 M.

# NOTTINGHAM PROGRAMMES.

Week Beginning  
September 12th.

SUNDAY, September 12th.  
3.30-5.45 } Programme S.B. from  
8.0-10.35 } London.  
(approx.)

MONDAY, September 13th.

3.45.—The Mikado Café Orchestra  
(conductor, Frederick Bottomley)

4.45.—Music and Afternoon Topics  
Miss Dutton

5.15.—FOR THE CHILDREN

6.15.—Musical Interlude

6.30-11.0.—Programme S.B. from London

TUESDAY, September 14th.

11.30-12.30.—Morning Concert, relayed  
from Doncaster

3.45.—Lyons' Café Orchestra  
(conductor, Brassey Eytton)

4.45.—Music and Afternoon Topics  
Mrs. Ashwell Clouston

5.15.—FOR THE CHILDREN.

6.0.—Robins.

6.15.—Musical Interlude.

6.30-12.0.—Programme S.B. from London.

WEDNESDAY, September 15th.

11.30-12.30.—Morning Concert, relayed  
from Doncaster.

3.45.—The Mikado Café Orchestra  
(conductor, Frederick Bottomley)

4.45.—Music and Afternoon Topics

5.15.—FOR THE CHILDREN

6.0.—Robins

6.15.—A Reader "Talk on New  
Books."

6.30-11.0.—Programme S.B. from London

THURSDAY, September 16th.

11.30-12.30.—Morning Concert, relayed  
from Doncaster

3.45.—Lyons' Café Orchestra  
(conductor, Brassey Eytton)

4.45.—Reginald Whitehead (Bass)  
A Recital of Ballads, Old and New

5.15.—FOR THE CHILDREN

6.0.—Robins.

6.15.—Musical Interlude

6.30.—Programme S.B. from London

6.30-12.0.—Programme S.B. from London

6.30-12.0.—Programme S.B. from London

6.30-12.0.—Programme S.B. from London

6.30-12.0.—Programme S.B. from London

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6.30-12.0.—Programme S.B. from London

6.30-12.0.—Programme S.B. from London

6.30-12.0.—Programme S.B. from London

Down in the Forest"  
London Doncaster

"The Jewel Song" S.B. from London

THE OCTET  
Overture, "Overture" S.B. from London  
"Songs of the 80's" S.B. from London

9.15.—Further Speeches by the  
MAYOR OF NOTTINGHAM  
and Mr. E. L. GUILFORD

9.30.—Programme S.B. from London

10.0.—THE OCTET

"Drink To Me Only"

El Relicario S.B. from London

HARRY STEVENS

The Sailor's Grave S.B. from London

"High No More, Ladies" S.B. from London

Wait S.B. from London

J. PETER MARSH

with Entertainers

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GWLADYS NAISH

"A Brown Bird Singing"  
Hynd Wood

"A Birthday" S.B. from London  
"Je Suis Titania" ("Mignon")  
Ambrosius Thomas

THE OCTET

Scherzo, "The Bunches" S.B. from London

The form of the Past S.B. from London

11.0-12.0.—Programme S.B. from London

11.0-12.0.—Programme S.B. from London

11.0-12.0.—Programme S.B. from London

11.0-12.0.—Programme S.B. from London

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11.0-12.0.—Programme S.B. from London

11.0-12.0.—Programme S.B. from London

Leeds-Bradford and Hull Programmes will be found on page 498.



## HOW TO SECURE a Private Income for Life—for

- (1) **YOURSELF**—say at the age of 55 or 60.
- (2) **YOUR WIFE**—should she survive you.
- (3) **YOUR CHILDREN**—until they are 20

You have a good income now; make sure that you will always have enough to live upon in comfort. Your wife and your children also are now well looked after, make sure that they, too, will never know what it is to suffer want, even should anything happen to you.

Once it was hard to make adequate provision for the future, but now, thanks to the Sun Life of Canada's new plan, it is easy. This plan inaugurates a new era in Life Insurance. It makes one policy do the work of several. It provides advantages never before available. It makes the saving of even small sums well worth while.

It secures for you—or (if you are married) your wife if she survives you—a guaranteed income for life instead of a cash sum which might easily be lost. It protects your children should they lose both parents. It even provides a monthly income for you if through sickness or accident you become permanently incapacitated.

This new plan means great things for you and yours. It makes your future secure. And there, too. It enables you to make every penny you so invest doubly effective. You share in the wonderful prosperity of the Sun Life of Canada, the great Annuity Company with Government-Supervised Assets now exceeding £62,000,000.

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# 2LS LEEDS-BRADFORD PROGRAMMES. Week Beginning September 12th.

**SUNDAY, September 12th**

3.30-5.45 } Programmes S.B. from London.  
8.0-10.35 } (approx.)

**MONDAY, September 13th.**

4.0.—The Scala String Quartet, under the Direction of Alfred Inman  
5.0.—Afternoon Topics Miss M. A. Home and Acorad  
5.15.—FOR THE CHILDREN  
6.0.—Light Music  
6.30-11.0 Programmes S.B. from London

**TUESDAY, September 14th.**

4.0. Field's Café Orchestra, relayed from Field's Café, Commercial Street, Leeds.  
5.0.—Afternoon Topics Miss M. A. Home and Acorad  
5.15.—FOR THE CHILDREN  
6.0.—Light Music  
7.0-12.0 Programmes S.B. from London

**WEDNESDAY, September 15th**

11.30-12.30. Field's Café Orchestra, relayed from Field's Café, Commercial Street, Leeds.  
4.0.—The Scala Symphony Orchestra, relayed from the Scala Theatre, Leeds.  
5.0.—Afternoon Topics Miss M. A. Home and Acorad  
5.15.—FOR THE CHILDREN  
6.0.—Light Music  
6.30.—Programmes S.B. from London  
6.50. Royal Horticultural Society's Bulletin  
7.0.—WEEKLY FORECAST AND NEWS "The Passing Show," by Mr. L. B. RAMSEY  
7.25. CHOPIN interpreted by E. WARD ISAAKS S.B. from London

4.0.—Yorkshire Dances  
WILHELMINA  
8.0-12.0.—Programmes S.B. from London

**THURSDAY, September 16th.**

11.30-12.30. Field's Café Orchestra, relayed from Field's Café, Commercial Street, Leeds.  
4.0.—The Scala Symphony Orchestra, relayed from the Scala Theatre, Leeds.  
5.0.—Mr. Henry Crowder, F.R.S., F.R.M.S., Curator The City Museum, Leeds. "Vignettes of Nature—(a) The Lap of the Sea"  
5.15.—FOR THE CHILDREN  
6.0.—Light Music  
6.30.—Programmes S.B. from London  
7.0-12.0. Mr. S. O. KAINES SMITH, Director, The City Art Gallery, Leeds. "Art Travel Talks" (2) Leeds

**THE STATION TRIO**

PERCY FROSTICK  
Overture, "Alphonse and Es"  
8.0. "THE ART THEATRE"

"The Mad Fiddler"

Characters  
(in order of speaking)

8.0. The Frasier  
A fairly low pine capped peak in a mountainous district. Apart

from the sound of a gentle breeze passing through the trees everything is held in the profound stillness of the mountain.

8.30. THE TRIO  
Marcelle and Schubert  
THE PLAYERS

"The Proposal"

A Jest in One Act by Anton Tchekov

Characters

(in order of speaking)

8.30. Natalia Stepanovna (His Daught)  
Ivan Nussiyavitch Lomov (A Landowner)  
Tchubokov is sitting alone in the drawing-room of his house, when his neighbour enters, resting his head on a table and white gloves.

8.30. THE TRIO  
Selection, "On With the Show"  
Characters

The Players in

"Trouble With a Bath."

Characters

(in order of speaking)

8.30. Smith (A Man about Town),  
Parker, A. Vase,  
A Bedroom in the flat of a fashionable young man about town.  
Time Midday

9.5 (approx). PERCY FROSTICK  
(Solo Viola)

Concerto in D minor Mendelssohn

Ronde des Lutins

9.30. THE TRIO  
Selection, "The Student Prince"

8.30-12.0 Programmes S.B. from London

**FRIDAY, September 17th.**

11.30-12.30. Field's Café Orchestra, relayed from Field's Café, Commercial Street, Leeds.  
3.30.—For Schools: "The Story of the Poor Law" by Mr. S. J. M. A. Lord  
4.0.—Field's Café Orchestra, relayed from Field's Café, Commercial Street, Leeds.  
5.0.—Afternoon Topics Miss M. A. Home and Acorad  
5.15.—FOR THE CHILDREN  
6.0.—Light Music  
6.30.—Programmes S.B. from London

**SATURDAY, September 18th.**

11.30-12.30. Field's Café Orchestra, relayed from Field's Café, Commercial Street, Leeds.  
4.0.—The Scala String Quartet under the Direction of Alfred Inman.  
5.0.—Afternoon Topics Miss M. A. Home and Acorad  
5.15.—FOR THE CHILDREN  
6.0.—Light Music  
6.30.—Dance Music.  
THE LONDON RADIO DANCE BAND  
Relayed from London  
7.0.—Programmes S.B. from London  
7.40.—"On My Auld," by SMILE-SMITH  
8.0-12.0.—Programmes S.B. from London

**6KH  
335 M.**

**SUNDAY, September 12th.**

3.30-5.45 } Programmes S.B. from London.  
8.0-10.35 } (approx.)

**MONDAY, September 13th.**

11.30-12.30. Field's Café Trio, under the Direction of R. W. Dove  
3.15.—"Fashions of Yesterday"  
4.0.—Field's Octagon Quartet, under the Direction of J. H. Rodgers  
4.15.—FOR THE CHILDREN  
5.15.—Pewsey's Restaurant Bijou Orchestra, under the Direction of Edward Stubbs.  
6.0.—Pewsey's Restaurant Bijou Orchestra, under the Direction of Edward Stubbs.  
7.0-11.0.—Programmes S.B. from London

**TUESDAY, September 14th.**

4.0.—Afternoon Topics Miss F. A. Carter Square, "Sham Four Folk"  
4.15.—Field's Octagon Quartet, under the Direction of J. H. Rodgers  
5.15.—FOR THE CHILDREN  
6.0.—Pewsey's Restaurant Bijou Orchestra, under the Direction of Edward Stubbs  
7.0-12.0.—Programmes S.B. from London

**WEDNESDAY, September 15th.**

3.15.—Hammond's Café Trio, under the Direction of R. W. Dove  
4.0.—Afternoon Topics Miss F. A. Carter Square  
4.15.—Field's Octagon Quartet, under the Direction of J. H. Rodgers

5.15.—FOR THE CHILDREN  
6.0.—Pewsey's Restaurant Bijou Orchestra, under the Direction of Edward Stubbs.  
6.50.—Royal Horticultural Society's Bulletin  
7.0-11.0.—Programmes S.B. from London

**THURSDAY, September 16th.**

11.30-12.30.—Gramophone Records  
4.0.—Afternoon Topics Miss F. W. Pratchard, "Notable Women"  
4.15.—Field's Octagon Quartet, under the Direction of J. H. Rodgers  
5.15.—FOR THE CHILDREN  
6.0.—Pewsey's Restaurant Bijou Orchestra, under the Direction of Edward Stubbs  
7.0.—Programmes S.B. from London.  
7.40.—"VIMVANI" (George Evelyn Platt). "In the Days of the Great Waste Queen" More Tropical Anecdotes—Big Game.

**MUSIC**

Grave and Gay

MARION DE BOER

Solo Pianoforte

Barcarolle—York Bowen  
Study in G Flat—Koschnitz  
Cretacienne Fantasia—Paderewski

8.10. DOROTHY KITCHEN

(Mezzo-Soprano)  
"The Promise of Life" Chorus  
"The Fairy's Lullaby"  
"The Flight of Ages"—Bayan

8.20. FRANK FOXON (Baritone)  
A Recital of Light and Humorous Ballads  
"The Lazy Shepherd"  
"Captain Blazes"  
"Sally and I and the Daylight"  
"Royster Doylet"  
"When the Sergeant Major's Parade"  
8.40. MARION DE BOER  
Study in E  
"A Song of Sleep"  
8.50. DOROTHY KITCHEN  
"Down in the Forest"  
"A Song of Sleep"  
9.0. FRANK FOXON  
A Further Recital of Light and Humorous Ballads  
"Beware of the Maidens"  
"Three Little Girls I Knew"  
"King Neptune's Song" ("Marcelle Eng and")

Herbert Matheson  
E. I. Knight-Rose  
Chopin  
London Ronald  
Raineret  
Del Brega  
M. Craske Day  
B. German

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The Pretty Creator  
"Lullaby" M. A. Over the Way  
"The Jolly Tinker"  
MARION DE BOER  
Rhapsody No. 12  
8.30-12.0.—Programmes S.B. from London

**FRIDAY, September 17th.**

11.30-12.30. Hammond's Café Trio, under the Direction of R. W. Dove  
3.15.—Field's Octagon Quartet, under the Direction of J. H. Rodgers  
4.0.—FOR THE CHILDREN  
5.15.—Pewsey's Restaurant Bijou Orchestra, under the Direction of Edward Stubbs  
6.0.—Pewsey's Restaurant Bijou Orchestra, under the Direction of Edward Stubbs  
6.50.—Weekly Football Talk by Mr. J. I. Stephens  
7.0-11.0.—Programmes S.B. from London

**SATURDAY, September 18th.**

4.0.—Afternoon Topics Miss F. A. Carter Square, "The T. A. Lakes"  
4.15.—Field's Octagon Quartet, under the Direction of J. H. Rodgers  
5.15.—FOR THE CHILDREN  
6.0.—Pewsey's Restaurant Bijou Orchestra, under the Direction of Edward Stubbs  
7.0-12.0.—Programmes S.B. from London





The EDISWAN  
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FOR EVERY PURPOSE

Ediswan	T Type	Watts	Volts	Amperes	Anode Size	Price
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"	A.P. 2	15	2	3	80-90	4
"	A.P. 2	15	2	3	60-70	4
"	D.R. 2	15	2	3	100-120	4
"	P.V. 2	15	2	3	140-160	4
"	P.V. 2	15	2	3	80-100	4
"	A.R. 06	15	2	3	100-120	4
"	A.R. 06	15	2	3	140-160	4
"	P.V. 4	15	2	3	200-240	4
"	P.V. 4	15	2	3	260-300	4
"	P.V. 4	15	2	3	100-120	4
"	P.V. 4	15	2	3	140-160	4
"	A.R. 1	15	2	3	30-40	4
"	A.R. 1	15	2	3	50-100	4
"	P.V. 5	15	2	3	50-150	4

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		4RL 2 P to 1 W 2	

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## NEW MODELS.



### THE NEW ROTOLA "BABY GRAND" RECEIVER

Single Switch Control.

**A**BSENCE of complicated tuning devices, handsome appearance, compactness, selectivity, and good volume with perfect reproduction of all sounds, are the aspiration of both amateur and professional constructors.

Setback however are all these desirable features combined in one set but the Baby Grand claims them a modern day's radio set is a masterpiece of design and simple construction with astounding selectivity and fidelity in performance. Standard finish mahogany or oak.

Height 31" Length 27" Width (front to back) 20"

CAT 20 PRICE complete with all accessories £25-0-0

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## STAND Nos.

## 146 & 212

"SELECTING a Wireless Set" is a difficult matter for the individual buyer. Counter claims by the various manufacturers tend to increase this difficulty, but these are the main essentials which should be your guide:

1. That it is manufactured by a firm with a mature reputation for quality.
2. That the construction is sound, and the design as fool-proof as possible.
3. Ease of operation.
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Come along to the Radio Exhibition at Olympia and judge Rotax Receivers on the above lines.

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### THE NEW ROTOLA PORTABLE

**T**HIS three-valve receiver, whilst being compactly self-contained, is capable of perfect radio reproduction within a thirty miles radius of Broadcast Stations, and within 100 miles of Daventry.

It is ideal for use where the erection of an aerial is impracticable, such as in flats, also in motor cars, and in the pocket. It is being absolutely self-contained with all valves, loud speaker and I.T. and H.T. batteries, it can be carried from one place to another with the utmost ease. Supplied in Black or Mahogany leather finish, complete with valves, I.T. and L.T. Batteries, loud speaker etc.

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# Radio stands now on the threshold of big developments

FOR a whole year that branch of Radio which appertains to the design of Receiving Sets has stood still. Now we are promised epoch-making improvements. During the past few months or so, shrewd technicians have been hammering away at the problem of selectivity. For this lack of selectivity was the one stumbling block which caused the enthusiasm of tens of thousands of wireless enthusiasts to wane. Where was the pleasure in building multi-valve Sets capable of picking up other Broadcasting only during the few hours available when the local station was closed down. Small wonder that comparatively few Sets were built last year. The true wireless enthusiast must enjoy the thrills of long distance reception. For him Radio is not merely the pleasure of hearing but one programme. It lies in his ability to tune in the station of his choice. A gay song from Madrid, an infectious dance tune from Vienna, a swelling chorus from Frankfort, a haunting melody from Hamburg

—these are the little achievements which add a spice of adventure to many an otherwise colourless evening.

But with the advent of improved methods of H.F. amplification and the use of screened and field-less coils comes the news of a successful solution to another equally baffling problem. The problem of obtaining absolute uniformity of characteristics between valves of identical type. Co-axial Mounting, as perfected by Cossor, is destined to exert a tremendous influence upon the whole trend of valve design. For the first time there is available a method of securing the filament, the grid and the anode to each other in permanent alignment throughout their whole length. The new Cossor Point One series—the first valve in which Co-axial Mounting is utilised to obtain perfect uniformity—will play a great part in the development of ultra-selective Sets during the coming season. Most of these new Sets will utilise at least two (and sometimes more) stages of

high frequency amplification. Considerable efficiency must be sacrificed if the H.F. valves are not exactly matched. In valves of the ordinary type a sagging filament or a displaced grid inevitably alters the characteristics of that particular valve and, in turn, prevents the Set from functioning as it should. The Cossor Point One is the first valve to utilise a method of construction which guarantees absolute uniformity not only when the valve is new but throughout the whole of its exceptionally long life.

But uniformity of characteristics—although so vital in Sets using two or more H.F. stages—is only one of the many dominating features of this remarkable valve. Lack of space here prevents more than a passing reference to its amazing economy (seven of these valves consume less than one bright emitter) and its superb tone. Get acquainted with these magnificent Valves at once and enjoy anew pleasures of long distance reception. Give your Set a real chance to show what it can do.

## SECTIONAL VIEW OF COSSOR POINT ONE

Here is a picture of the valve as you would see it if it were cut in half. Note the stout electrodes and the secrite insulator securely holding the grid to the anode. Through the centre of the insulator passes a fine wire securing the filament in position and giving it sufficient elasticity to withstand the heaviest shock without risk of fracture.



A. C. Cossor, Ltd., Highbury Grove, London, N.5

## TYPES AND PRICES

Plain Top: For Detector or L.F.  
(Consumption 1 amp.)  
Red Top: For H.F. use.  
(Consumption 1 amp.)

14/-

## STENTOR TWO

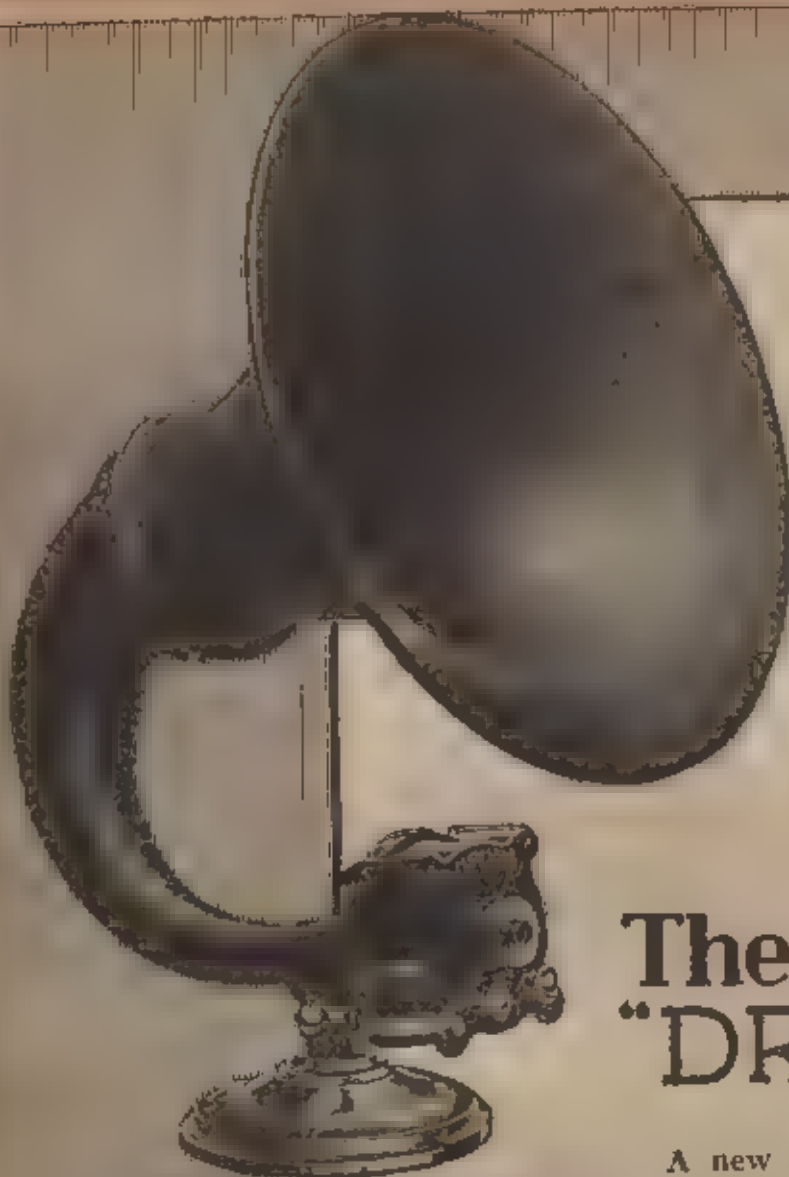
For power amplification (with Green Top)  
(Consumption 1.5 amp.)

18/6

All operate at A voltage of from 1.2 volts to 2 volts.

# Cossor Point One





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## The SENIOR "DRAGON"

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65/-

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each.



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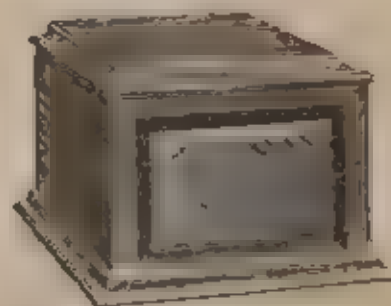
### Another new "Brown" Loud Speaker—the H.3Q—

IN this new **Brown** model the characteristic features of two of the most popular **Brown** Loud Speakers have been embodied. As its name implies, it is a combination of the horn of the H.Q. Model with the base of the H.3. This type of horn, it will be appreciated, is a distinct advance upon that used in the H.3 Loud Speaker; the new H.3Q is, indeed, an excellent proposition at a price of £3 5s., and it is confidently expected, will very soon become one of the most popular items in the **Brown** £3 5s. range.

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### The Brown Cabinet Loud Speaker

IT was natural that the manufacturers of the first Loud Speaker to be used for Wireless purposes should be the first to cater for the needs of those who disliked the conventional horn type of Loud Speaker. The construction and design of the **Brown** Cabinet model made an excellent impression. For while the **Brown** efficiency in volume and tone remained as fine as ever, yet the appearance of the new model was unique. For the first time an instrument was discovered that could be relied upon to take its place in any room as a beautiful piece of furniture. The proportions, colour and general appearance of this model, together with the ready sound workmanship put into it combined to establish it as one of the most popular of the famous **Brown** family. Price £6 6s.



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You will improve your reception of radio broadcasting if you use B.S.A. Radio products. The B.S.A. Improved Kone Loud Speaker has been scientifically designed to faithfully reproduce a larger range of frequencies than hitherto possible with other loud speakers—a feature essential to perfect and enjoyable reception. B.S.A. Head Phones are light in weight and of robust construction. The magnets are of cobalt steel, which steel retains its magnetism almost indefinite and gives greater sensitivity, volume and purer tone. You should always use B.S.A. Head Phones.

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### B.S.A. Improved Kone Loud Speaker.

Being non-directional in character, there is no necessity for listeners to be grouped before the loud speaker, and consequently the output of sound from a B.S.A. Kone Loud Speaker can be most efficiently utilised.

## Louden Valves



*"I have been running my Louden pretty heavily for over six months."*

### Loudens for Long Life!

In March 1936 a new six months of pretty heavy use, our correspondent hoped that the Louden Valve would be a long one. In August, after ten months of use, he writes "The same Valve is still going strong."

Here is a list of types —

1. *March 1936*  
2. *June 1936*  
3. *September 1936*  
4. *December 1936*  
5. *March 1937*  
6. *June 1937*  
7. *September 1937*  
8. *December 1937*  
9. *March 1938*  
10. *June 1938*  
11. *September 1938*  
12. *December 1938*  
13. *March 1939*  
14. *June 1939*  
15. *September 1939*  
16. *December 1939*  
17. *March 1940*  
18. *June 1940*  
19. *September 1940*  
20. *December 1940*  
21. *March 1941*  
22. *June 1941*  
23. *September 1941*  
24. *December 1941*  
25. *March 1942*  
26. *June 1942*  
27. *September 1942*  
28. *December 1942*  
29. *March 1943*  
30. *June 1943*  
31. *September 1943*  
32. *December 1943*  
33. *March 1944*  
34. *June 1944*  
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46. *June 1947*  
47. *September 1947*  
48. *December 1947*  
49. *March 1948*  
50. *June 1948*  
51. *September 1948*  
52. *December 1948*  
53. *March 1949*  
54. *June 1949*  
55. *September 1949*  
56. *December 1949*  
57. *March 1950*  
58. *June 1950*  
59. *September 1950*  
60. *December 1950*  
61. *March 1951*  
62. *June 1951*  
63. *September 1951*  
64. *December 1951*  
65. *March 1952*  
66. *June 1952*  
67. *September 1952*  
68. *December 1952*  
69. *March 1953*  
70. *June 1953*  
71. *September 1953*  
72. *December 1953*  
73. *March 1954*  
74. *June 1954*  
75. *September 1954*  
76. *December 1954*  
77. *March 1955*  
78. *June 1955*  
79. *September 1955*  
80. *December 1955*  
81. *March 1956*  
82. *June 1956*  
83. *September 1956*  
84. *December 1956*  
85. *March 1957*  
86. *June 1957*  
87. *September 1957*  
88. *December 1957*  
89. *March 1958*  
90. *June 1958*  
91. *September 1958*  
92. *December 1958*  
93. *March 1959*  
94. *June 1959*  
95. *September 1959*  
96. *December 1959*  
97. *March 1960*  
98. *June 1960*  
99. *September 1960*  
100. *December 1960*

Louden Valves are made by British labour in a British factory with British capital and can be depended upon for the finest volume range and silver clear tone. They are only be offered at such low prices because of our well-known policy of setting direct to the public and cutting out the middleman's profit. The list below gives prices and full particulars. Order your Louden Valves from us by post.

4/6	8/-	8/-
Bright Emitters. L.F. Amplifier F.R. H.F. Amplifier F.R. Detector F.R.	Dull Emitters. L.F. Amplifier F.R. H.F. Amplifier F.R. Detector F.R.	Dull Emitters. L.F. Amplifier F.R. H.F. Amplifier F.R. Detector F.R.
5.5 volts 0.4 amps.	2 volts 0.2 amps	4 volts 0.1 amps.
9/-	11/-	12/-
Dull Emitters. L.F. Amplifier F.R. H.F. Amplifier F.R. Detector F.R.	D.E. Power Valves. Transistor Amplifier F.R. Resonance Amplifier F.R.	D.E. Power Valves. Transistor Amplifier F.R. Resonance Amplifier F.R.
6 volts 0.1 amps.	4 volts 0.2 amps.	6 volts 0.2 amps.

Postage 1 Valve 6d. 2 or more 1s. 6d. 3 or more 2s. 6d. 4 or more 3s. 6d. 5 or more 4s. 6d.

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# FELLOWS WIRELESS

CHARGE YOUR  
ACCUMULATOR

AT HOME

45/-

The Fellows Accumulator Charger is essentially safe and simple to use. It quickly pays for itself in saved charging bills.

It cuts out the nuisance of taking accumulators to be charged.

Will charge 4-volt or 6-volt accumulators. Just plug in to the nearest lamp holder, spin the spindle, connect the accumulator to be charged, and that's all! Full instructions sent with each one. You can't go wrong. (Note: To charge 2-volt accumulators connect two in series.)

Made for Alternating Current only. State voltage and frequency (shown on your meter) when ordering.



## HIGH TENSION FROM YOUR ELECTRIC LIGHT

D.C. = 50/-

A.C. = 70/-

Whether it is A.C. (Alternating Current) or D.C. (Direct Current) supply, just plug in to the nearest lamp holder and connect up to the H.T. terminals on your set.

Fellows Mains Units are made in two types, both giving 10-15 mil.amps H.T. Current.

Type A. gives one H.T. voltage only, 50 or 100. Type B. gives the same maximum voltages, but has 12 intermediate voltageappings, and 2 wander plugs to give any 2 additional H.T. stages required. Full instructions sent with every set. Made for A.C. and D.C. Supplies.

	Type A. 50 or 100 volt.	Type B. 50 or 100 volt.
D.C. Type Mains Unit ...	£2 10 0	£3 10 0
A.C. Type Mains Unit ...	£3 10 0	£4 10 0

State voltage and (if A.C.) frequency of your electric light, and type and maximum voltage of Mains Unit required when ordering.

All goods sent packing free, carriage forward on seven days' approval. Money readily refunded if not completely satisfied.

FELLOWS, PARK ROYAL, N.W.10.

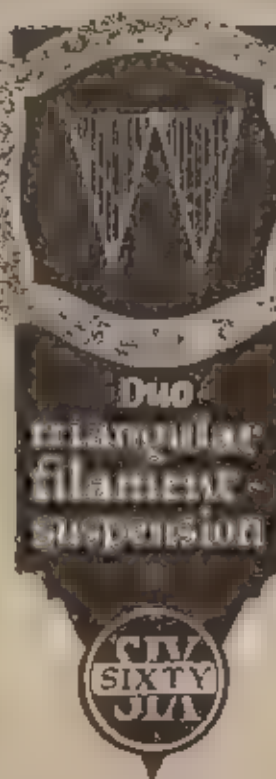
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Tottenham 10, Broad Street, Tottenham  
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BUY DIRECT AND SAVE MONEY

## Increased Electronic emission.

length of filament  
about twice that  
in the usual type



Comparative Diagram

SIX-SIXTY

ORDINARY

SEEING is believing. It is obvious from the construction of the Six-Sixty Duo-Triangular system of suspension that the length of filament employed is almost twice that in the usual type of design, represented by broken lines. Now this increased length of filament must result in a corresponding increase in electronic emission, and if in turn all this valuable electron stream is utilised, then greater efficiency must ensue.

In the early days of the radio valve, the length of filament in the old type of cylindrical construction may have been relatively great, but a very large proportion of the electron stream was lost. The design of the new Six-Sixty Point One Valves is such that the entire filament—supported at each corner of both triangles—is wholly enclosed within the grid and anode, and therefore all the electron stream is utilised.

Then, too, the stability and perfect alignment resulting from the additional supports render it unnecessary to assemble the filament in tension, and ensure a constancy of perfect reception.

And remember the special Six-Sixty filament itself is wonderfully economical. Its current consumption is barely 1 amp., and when operating at the rated voltage there is absolutely no sign of "glow."

The new Six-Sixty Point One Valves—embodying all the advantages of Duo-Triangular Filament Suspension—are suitable for operation in all stages of a receiver, whether the L.T. supply be 2, 4, or 6 volts.

Describe leaflet S.S.9-26, with particulars of complete range, free on application.

S.S.2A. H.F. and I.F.  
DE amp. HF L.F.  
ant. Detector = 14/-

S.S.10  
DE 2 volts, 15 amp. Power  
Amplifier = 18/6

S.S.7.  
DE 1 amp. Power Amplifier = 18/6

S.S.8.  
DE 4 amp. General Purpose = 14/-

Visit our Stand No. 38 at the National Radio Exhibition, Olympia, Sept. 4th-18th.

## SIX-SIXTY VALVES

Better by Six Times Sixty

The Electron Co., Ltd., Tottenham House, 189, Regent St., London, W.1



# THE LISSEN H.T. BATTERY

## 10/6

—and British Made!

Your Loud Speaker needs this Better Battery—

The LISSEN NEW PROCESS BLOCK TYPE 60 volt H.T. Battery is unlike all previous H.T. batteries—it is both highly efficient and inexpensive.

Its discharge curve shows a stubborn resistance to volt drop—it excels in efficiency because we have discovered a new combination of chemicals not hitherto used in battery making. The unique new process—which naturally is a closely guarded secret—yields far clearer loud speaker reproduction and volume than any previous H.T. Battery and the success of the new process is now a definitely established fact.

Its price would have been 13/-: we could not have sold this new process block type battery at its present price but for our putting into operation a new direct-from-factory-to-dealer policy of distribution which CUTS OUT ALL WHOLESALE PROFITS. The price of this LISSEN Battery includes very little trade profit, because our dealer friends have all agreed to take a smaller profit than they get on any other battery, while it is only large quantities that will justify our own narrow margin per battery.

These LISSEN Batteries have another supreme advantage—every battery is absolutely fresh—they are actually on sale less than three days after being made—you cannot get a stale LISSEN Battery because dealers are only supplied at regular short intervals of some days—every LISSEN NEW PROCESS BATTERY is therefore bristling with new energy when you put it into your set.

We are making this new process battery only in the popular block type with socket tappings—an additional advantage are the four 11 volt tappings provided for grid bias at one end of the battery, while the other usual tappings give any voltage required.

LISSEN NEW PROCESS BATTERY IS DEFINITELY GUARANTEED PLOT ITS CURVE AND RECORD ITS SERVICE. No block type battery of this size and quality could be sold at the above price but for our new policy.

You can obtain this battery at any dealer's—but if any difficulty send direct to factory. Include nothing for postage if you mention your dealer's name and address.

LISSEN NEW PROCESS BATTERY is rated at 60 volts, but goes considerably over.

# 10/6

(Price would have been 13/- but for new policy.)



Next week LISSENOLA will bring this battery to you with a good loud speaker and a good battery and 50 pages.

**LISSEN LIMITED,**  
Lisson Road, 200-222, Finsbury Lane,  
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L. 24.

# WIN £20

## Do you like to Draw?

Copy this Sketch

and send us your Drawing. The Competition is being held by the British and Dominions School of Drawing, and is OPEN TO EVERYBODY WHO LIKES TO TRY.

The only persons not allowed to enter are those who have had sketches posted by a newspaper or agency. All drawings must be sent to the British and Dominions School of Drawing, 160, Greycoat House, Greycoat Place, London, S.W.1.

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1st Prize	£20
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3rd Prize	£5
4th Prize	£3
5th Prize	£2
6th Prize	£1
7th to 20th Prizes	10/- each

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Copy this Sketch in pencil or pen and ink. See how well you can do it. Sit down and try. First of all read the Rules of the Competition. You can draw on any paper. Prizes will be awarded to the best drawings.

All drawings will be returned at the end of the competition.

DO NOT MISS IT! SOMEONE WILL WIN THE £20. WHY NOT YOU? Send in your Sketch to-day.

## Rules of the Competition

1. Anyone is eligible to compete except employees of the British and Dominions School of Drawing and Professors and Artists.
2. All sketches must be received by 30th September 1935.
3. On no account may a sketch be submitted by post.
4. The bottom left-hand corner of the envelope should be marked plainly—"Competition".
5. On the back of the envelope the name and address must be written in the back of the drawing in full.
6. Sketch must not be drawn on paper larger than 10 in. high by 6 in. wide.
7. All sketches will be returned to competitors at the end of the competition. If you wish to get your drawing back, please send it to the British and Dominions School of Drawing and



not be held responsible for any sketches which may be lost or damaged in transit.

8. Each sketch must be accompanied by a certificate stating that the sketch was drawn by the competitor and not by a professional artist. The certificate must be signed by the competitor and must be enclosed in the envelope with the sketch.

9. The sketch must be sent in the envelope marked "Competition" and must be sent to the British and Dominions School of Drawing, 160, Greycoat House, Greycoat Place, London, S.W.1.

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**British and Dominions School of Drawing**  
160, Greycoat House, Greycoat Place,  
London, S.W.1



# FELLOWS WIRELESS

Stand 110  
— one, one, oh —  
OLYMPIA  
Sept. 4-18.

## The finest H.T. Battery in the world!

\* Fellows H.T. Batteries give the longest possible life, because—

- (1) The materials employed are the best obtainable.
- (2) The "elements" are of exceptionally generous proportions.
- (3) The batteries come straight to you from the works and are always fresh.

These H.T. Batteries are made in London by British Labour backed by British Capital.

They are, in fact, the finest H.T. Batteries in the world.

The prices given below are only possible because of our well-known policy of dealing direct with you, thus cutting out the middleman's profits.

*Post us your order to-night.*

**54 Volt** (with 3 volt tap for grid bias) ..... Postage 9d. **6/6**

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E.P.S. 255.

## STAND No. 162

Wireless Exhibition, Olympia.

# Cosmos

## SHORTPATH RADIO VALVES

Two new Shortpath valves are now available of the 6-volt class, they have the same remarkable characteristics that the public have so much appreciated in the S.P. 18/2 valve.

**"COSMOS" S.P. 55/R (RED SPOT) 18/6.**

The S.P. 55/R is a 6-volt valve, designed for use in the first stage of a radio receiver. It has a high grid ratio, which gives it a high gain and a high output. It is also designed for use in the second stage of a radio receiver, where it will give a high output and a high gain. It is a very reliable valve, and it is very easy to use.

**"COSMOS" S.P. 55/B (BLUE SPOT) 18/6.**

The S.P. 55/B is a 6-volt valve, designed for use in the first stage of a radio receiver. It has a high grid ratio, which gives it a high gain and a high output. It is also designed for use in the second stage of a radio receiver, where it will give a high output and a high gain. It is a very reliable valve, and it is very easy to use.

**"COSMOS" S.P. 18/B (BLUE SPOT) 14/-.**

The S.P. 18/B is a 6-volt valve, designed for use in the first stage of a radio receiver. It has a high grid ratio, which gives it a high gain and a high output. It is also designed for use in the second stage of a radio receiver, where it will give a high output and a high gain. It is a very reliable valve, and it is very easy to use.

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The S.P. 18/C is a 6-volt valve, designed for use in the first stage of a radio receiver. It has a high grid ratio, which gives it a high gain and a high output. It is also designed for use in the second stage of a radio receiver, where it will give a high output and a high gain. It is a very reliable valve, and it is very easy to use.

**"COSMOS" S.P. 18/R (RED SPOT) 14/-.**

The S.P. 18/R is a 6-volt valve, designed for use in the first stage of a radio receiver. It has a high grid ratio, which gives it a high gain and a high output. It is also designed for use in the second stage of a radio receiver, where it will give a high output and a high gain. It is a very reliable valve, and it is very easy to use.

Other Cosmos Valves include:

P.T. 55, 50	P.M. 11, 14/-	A 45, 8/-
A 10 volt General	A 31 volt Grid	A 45 volt
Amplifier Valve	Emitter Valve	Emitter Valve

"Cosmos" Valves are obtainable from all Wireless Dealers.

**METRO-VICK SUPPLIES, LTD.**

(Proprietors: Metropolitan Vickers Elec. Co., Ltd.)

Metro-Vick House, 145, Charing Cross Rd.,  
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Two stands that should be placed first and second on your "must be visited" list are the B.T.H. stands Nos. 127 and 130. No. 130 is devoted to the famous B.T.H. valves. Several entirely new types of B.T.H. valves are being shown here for the first time.

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	Old Price	New Price
B.T.H. Headphones	2 0 0	15 0
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Prices include postage and packing.

First see B.T.H. Stands Nos. 127 and 130



B.T.H. Radio Apparatus is sold by all good Radio Dealers

The British Thompson-Houston Co., Ltd.

25/90

Inspect and purchase our products at **STAND 110** National Wireless Exhibition, Olympia.

# FELLOWS WIRELESS



## THE FELLOWS VOLUTONE LOUD SPEAKER

with adjustable diaphragm.

# 55/-

(Carriage forward.)

There is no finer Loud Speaker on the market than the Fellows Volutone. Standing 20 inches in height it looks an imposing instrument, while its adjustable diaphragm enables it to be set to a nicety to give a full, round, mellow tone which will fill a large room or hall without the least sign of distortion. It is only our well-known policy of dealing direct which enables us to offer you so fine an instrument at so favourable a price.



## The FELLOWS JUNIOR LOUD SPEAKER

Junior in name and price only. This loud speaker, which is supplied as standard with the famous Fellows Little Giant set, has brought delight to thousands of homes all over the country. It is fitted with an adjustable diaphragm and is ideal for use in medium sized rooms. It stands over 18 inches in height and is in every way a thoroughly well finished and pleasing instrument.

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An extremely comfortable and sensitive pair of headphones. The bands and earpieces being made of duralumin, will not rust or tarnish, and the weight complete is only 6 ounces.

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You can only obtain Fellows Apparatus direct from us or from our Branches. Send us your order to-night.

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E.P.S. 256.

# FELLOWS WIRELESS

Stand 110  
— one, one, oh —  
OLYMPIA  
Sept. 4-18.



£6.15.0  
COMPLETE

"My Little Giant in every way exceeded my expectations." *Mr. Cooper, St. Albans*

You may pay double the price, but you will not get the Volume, Clarity, and Range afforded by the Little Giant Sets.

## 4 MODELS. ALL DULL EMITTER VALVES.

Specification.	Little Giant I.	Little Giant II.	Little Giant III.	Little Giant IV.
Receiver (including Marconi Revolet)	£2 2 6	£3 17 0	£4 17 6	£6 5 6
includes 4 val. D.F. valves	" 2 6	" 16 0	" 16 4 0	" 12 0
1st rev. (the magazine)	(54V) 6 6	(54V) 6 6	(108V) 13 0	(108V) 13 0
2nd rev. (the magazine)	(20ah) 2 6	(20ah) 12 6	(20ah) 12 6	(40ah) 16 6
Antenna Isolator, Wiring, and other details	3 6	3 6	3 6	3 6
weighings or Junior Loud Speaker	(H) 11 8	(LS) 19 6	(LS) 19 6	(LS) 19 6
<b>Total Cash Price -</b>	<b>£4:4:6</b>	<b>£6:15:0</b>	<b>£8:5:0</b>	<b>£10:10:0</b>
Deferred Payments. With Cash	24 6	38 4	46 6	59 0
Monthly Payments of	12 3	19 3	23 4	29 6

## THE FELLOPHONE 3-VALVE GRAND.

A handsome cabinet set including every possible refinement using a super circuit to afford exceptional range.  
Price complete with accessories, £15 10:0, or £6/6 with order and six monthly payments of 43/3.

### HOW TO OBTAIN THESE WONDERFUL SETS.

- 1 You can inspect and purchase Fellows apparatus at any of our branches (addresses given below).
  - 2 You can purchase the full cash value on P.O. Money Order Treasury Notes or Cheques sent to us or to our branches.
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All Goods sent packing free, carriage forward.

FELLOWS, PARK ROYAL, N.W.10.

Send for 48-pp.  
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BUY DIRECT AND SAVE MONEY



It will pay you to see this Exhibit!

With Terminals  
2/6

Without Terminals  
2/3

Visit Stand No. 84 at the National Radio Exhibition—see the Lotus Valve Holders and learn just how and why they excel in absorbing shock, protecting the valves and eliminating all microphonic noises.

Rigorous tests at the factory ensure that Lotus Valve Holders will give entire satisfaction under any conditions. That is why you should insist on them for YOUR set.

From all Radio Dealers.

LOTUS VALVE HOLDER

Garnett, Whiteley & Co., Ltd.,  
Lotus Works, Broadgreen Road, Liverpool.  
Makers of the famous 'Lotus' Vernier Coil Holder.

# EDISON BELL RADIO

ONE OF THE REMARKABLE EXHIBITS  
AT  
EDISON BELL STAND No. 75,  
NATIONAL RADIO EXHIBITION, OLYMPIA.

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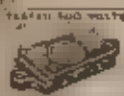
IMPROVED MODEL "GEM" 2-VALVE SET.

The above instrument represents a complete example of the Edison Bell "Value for Money" policy. Reduced down to the smallest detail, this remarkable set has new Detector, and one Low Frequency stage. Its size is 13 x 10 x 4 inches deep, mounted on solid oak base and fitted with Grid Bias and Filament Rheostat complete. Reaction is controlled by a novel lever movement, high simple and efficient. Two of the well-known Edison Bell Inductance Coils for 2.0-2.5 quarts are also supplied.

PRICE £3:0:0  
(Valves, batteries, and Marconi License extra.)

EDISON BELL, LIMITED,  
LONDON, S.E.15. AND AT HUNTINGDON.

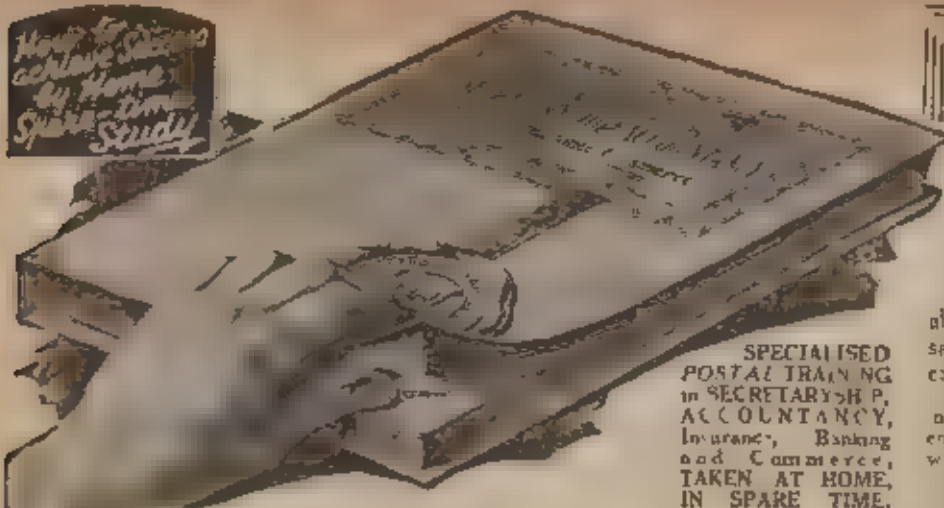
INSIST ON EDISON BELL CONDENSERS



THE ARE BRITISH MADE AND GUARANTEED BY A FIRM WITH 30 YEARS REPUTATION BEHIND IT



How to  
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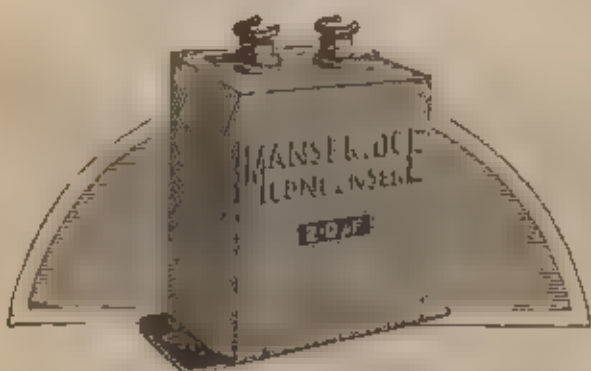
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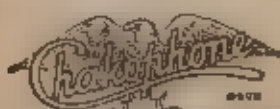
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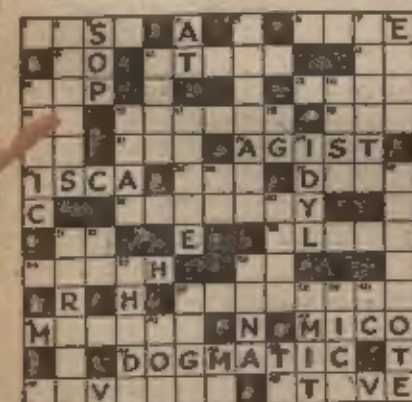


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4. Send P.O. 10 for first entry and 10 for subsequent entries. P.O.s payable to Radio Crosswords Co., and enclosed "and Co." Endorse P.O. with your name and address in block.

5. Solutions will be published for some days after result is published. Any solution for receiving must be submitted by postmarked on 10th day of solution, together with 5/- which will be refunded in the competition only if his claim proves to be valid.

6. Entries must reach this office not later than midnight, September 12, as advertisement must bear solution of date not later than September 12.

7. Solutions and entry forms should be written in block capitals.

8. Results will be published in block of the Radio Times, September 12, 1926. All successful competitors will be personally notified.

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### CLUES ACROSS.

1. Driveway term for the space left after extracting a car.
2. Term.
3. Wholly leafless.
4. Old Egyptian (Latin).
5. South Egyptian word.
6. Chief's rank.
7. Downy back.
8. Turkey.
9. The left of a type.
10. Used similar to the noun.
11. The name of a circle of others for a certain area.
12. Further copies of this paper are not available, other entries than the first may be sent in on plain paper.
13. Further copies of this paper are not available, other entries than the first may be sent in on plain paper.
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### CLUES DOWN.

1. Attempt at an entrance.
2. To die or sleep in quiet.
3. Prepared in detail.
4. To rise or follow the example of others.
5. To be angry.
6. To be angry.
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59. To be angry.
60. To be angry.
61. To be angry.
62. To be angry.
63. To be angry.
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E.P. 51



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10 for 6d. 20 for 11½d.

50 for 2/5 100 for 4/8



P. 2318



# Marconiphone

## High Tension Supply Units

Designed by the Marconi Company's engineers to meet the demand for a device for obtaining high tension current from the house mains, thus obviating the use of the usual high tension battery with its attendant disadvantages. Suitable for all types of Receivers.

### MARCONIPHONE H.T. SUPPLY UNIT for ALTERNATING CURRENT

This instrument works without "hum" on any supply. The output, which can be taken in three pressures, viz., 42, 84 and 126 volts, is sufficient to operate any set on the market, and permits the use of power valves on full load.

By using alternative terminals provided on the unit, it can be utilised on mains of different pressures varying from 95 to 240 volts, and on all frequencies above 32.

The current is rectified by a Marconi U5 valve, the filament of which is heated through the medium of a specially wound transformer contained in the instrument.

### MARCONIPHONE H.T. SUPPLY UNIT FOR DIRECT CURRENT

Similar in appearance to the A.C. Unit, but as its purpose is to smooth out direct current, no valve is necessary. Different types of D.C. Supply Mains however, require different smoothing circuits, and this has been surmounted by providing adjustable connecting

links to enable the unit to be connected up by the user in a way most suitable to the supply system—full instructions are furnished with the unit. Output tapings at 42, 84 and 100/120 volts are provided. Can be used on mains of 100/120 or 200/240 volts. In the latter case a pair of ordinary metal filament lamps are inserted in the instrument. A variety of output voltages can be obtained by the use of different lamps. This instrument can be used for charging H.T. accumulators of voltages not exceeding 90/100.

## STERLING "TYPE 33" LOUD SPEAKER

A new loud speaker of great volume capacity.

Designed to reproduce melody faithful to the original by retaining the tones and over-tones which give music its beauty and charm.

The horn channel offers no impediment whatever to the passage of sound, and does not reproduce any particular frequency at the expense of others.

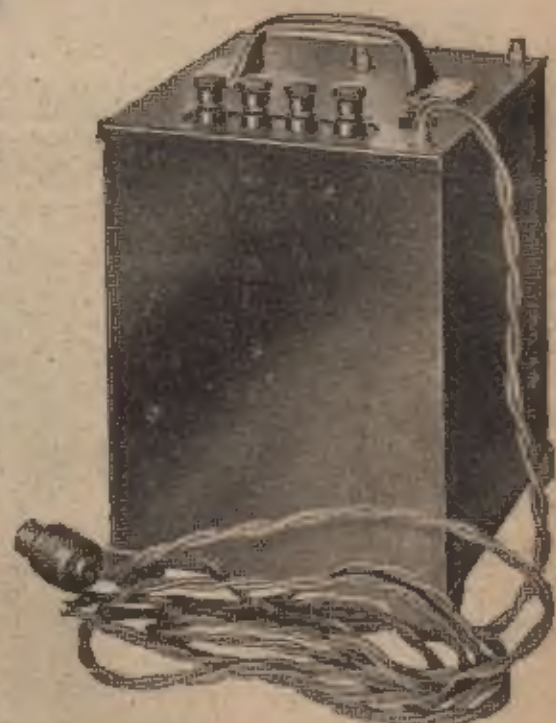
Exceedingly pleasing in appearance.

No. 1286, Sterling "Type 33" Loud Speaker, Mahogany or Walnut finish £5 5 0



Height overall  
25 inches  
Diameter of  
Base, 14 inches

**THE MARCONIPHONE COMPANY  
LIMITED**



No. B925.	Marconiphone A.C. High Tension Supply Unit	£9 5 0
	Royalty	0 12 6
	Marconi U5 Rectifying Valve	1 10 0
	Instrument complete with valve including Royalty	£11 7 6
No. B926.	Marconiphone D.C. High Tension Supply Unit	£6 0 0

Visitors to the National Radio Exhibition, Olympia, will find much of interest in the Marconiphone & Sterling exhibits.

Stand Nos.

121, 122, 123, 124 and 125

Write for a copy of publication 264G containing the most up-to-date information concerning the complete range of Marconiphone and Sterling Radio Receivers and components, also new lines and revised prices.

Registered Office:

Marconi House, Strand, London, W.C.2

Head Office:

210-212, Tottenham Court Rd., London, W.1